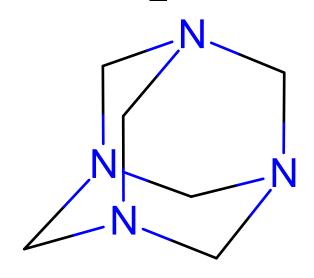
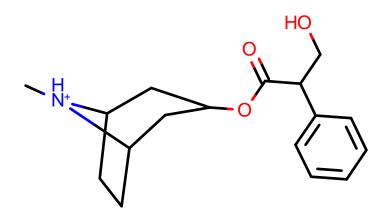
full_2

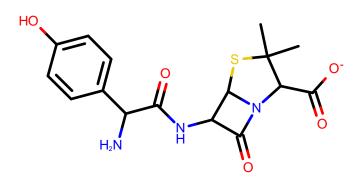
full_4

full_19

full_29







full_56

$$\frac{O}{NH_2}$$
 H_2N

full_60

$$H_2N^+$$
 NH_2
 H_2N

 H_2N

HÖ

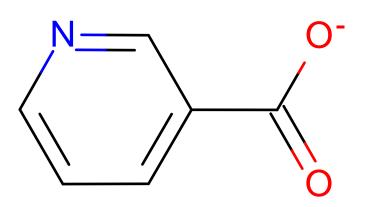
full_90

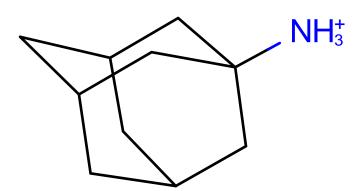
$$H_2N$$

full_91

$$H_3N^+$$

full_106





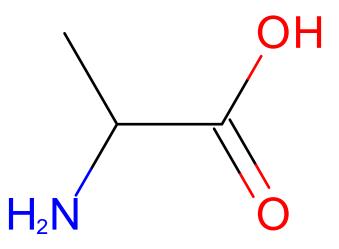
full_110

full_112

full_114

full_117

full_121



full_124

full_125

full_126

full_128

full_129

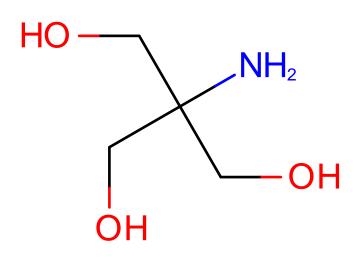
full_135

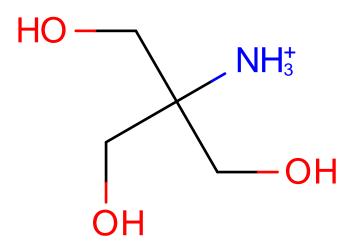
$$HN^{+}$$
 NH_{2}

full_145

full_147

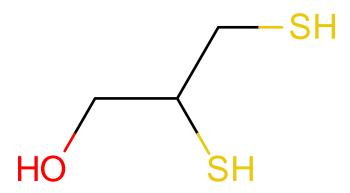
full_149

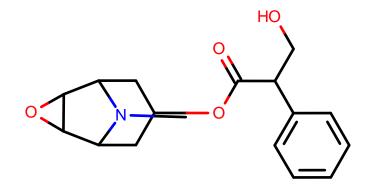




full_150

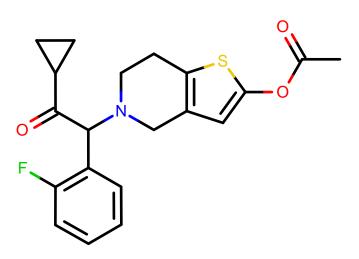
full_151





full_155

full_157

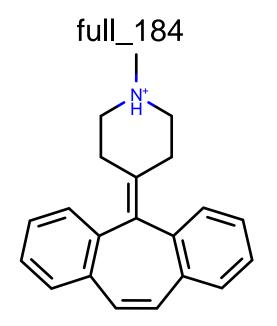


$$H_2N$$
 O
 O

full_173

full_176

full_178



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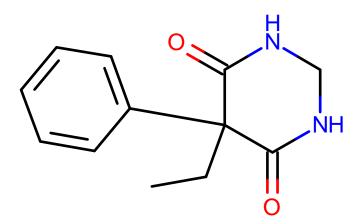
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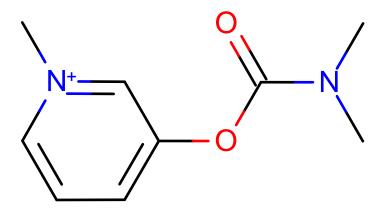
full_195

full_196

full_197

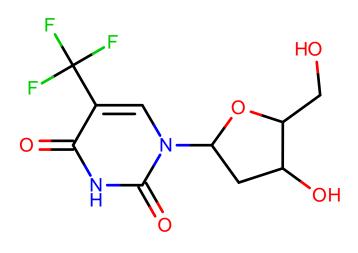
full_205





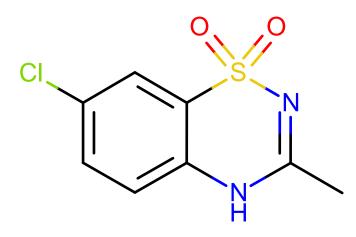
full_206

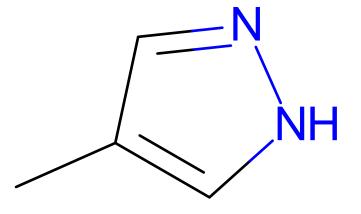
full_208



full_209

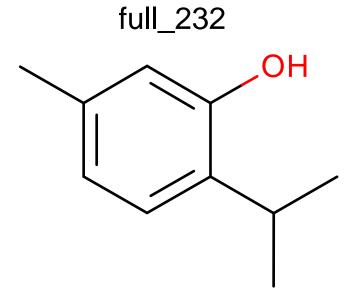
full_210





full_222

full_225



full_237

full_239

full_242

full_244

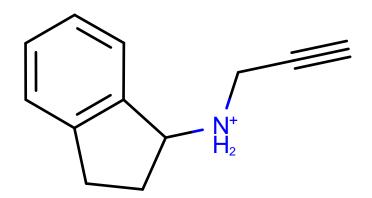
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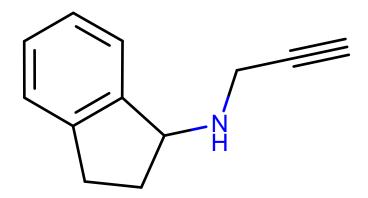
full_243

full_245

full_249

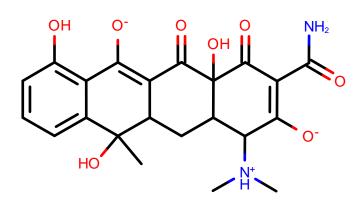
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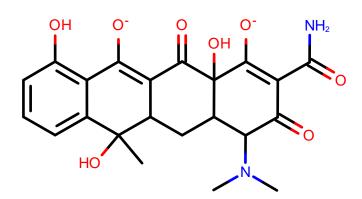




full_254

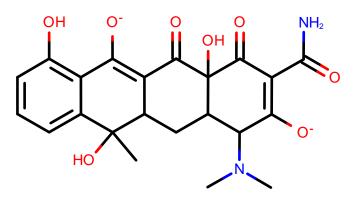
full_255





full_256

full_257



full_261

full_271

full_272

full_273

full_274

full_275

ОН

full_280

full_282

full_279

full_281

full_283

full_286

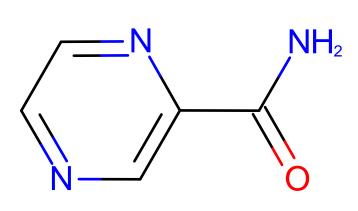
full_288

full_290

$$N^{+}$$

full_293

full_296

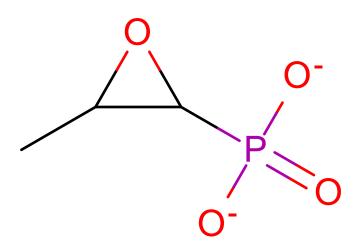


$$H_2N$$

full_298

full_300

full_303



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full_331

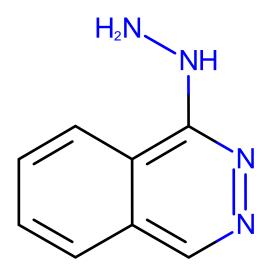
full_333

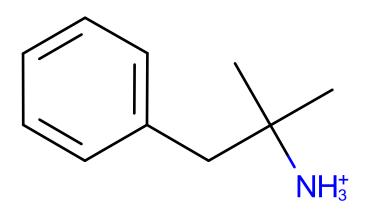
full_381

 NH_2

full_383

full_389





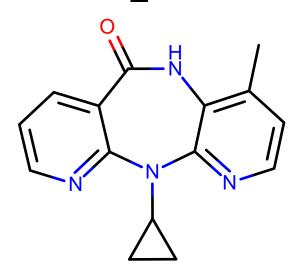
full_400

full_401

full_404

full_408

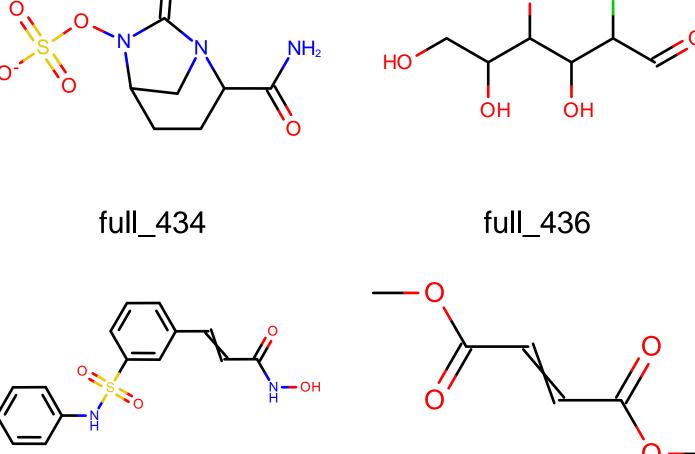
full_410

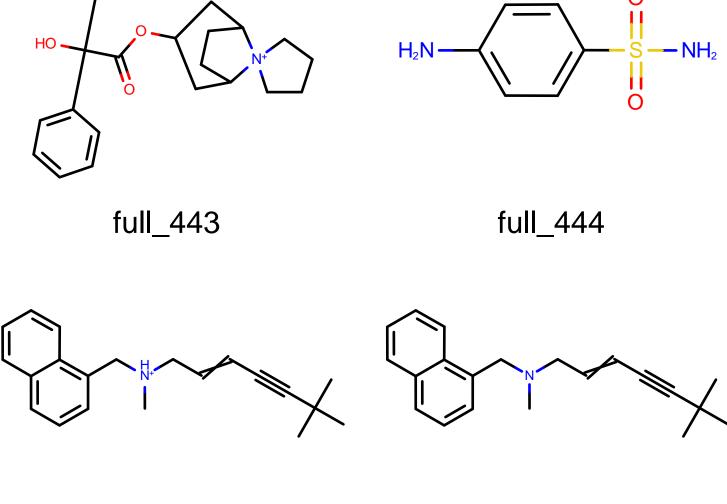


NH₂

full_425

full_426

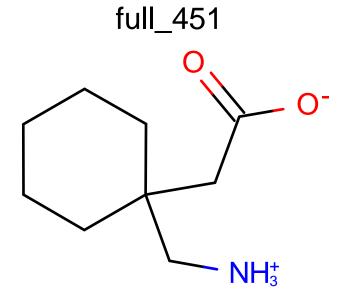




full_446

$$H_2N$$
 O
 O

full_448



full_453

full_454

full_455

full_456

full_457

full_466

full_467

full_471

$$N - N$$
 NH_2
 $CI \quad CI \quad H_2N$

full_472

full_473

$$N - N^+$$
 $N + N^+$
 $N +$

full_474

full_475

full_476

full_477

H₂N

OH

full_478

full_479

$$H_2$$
N

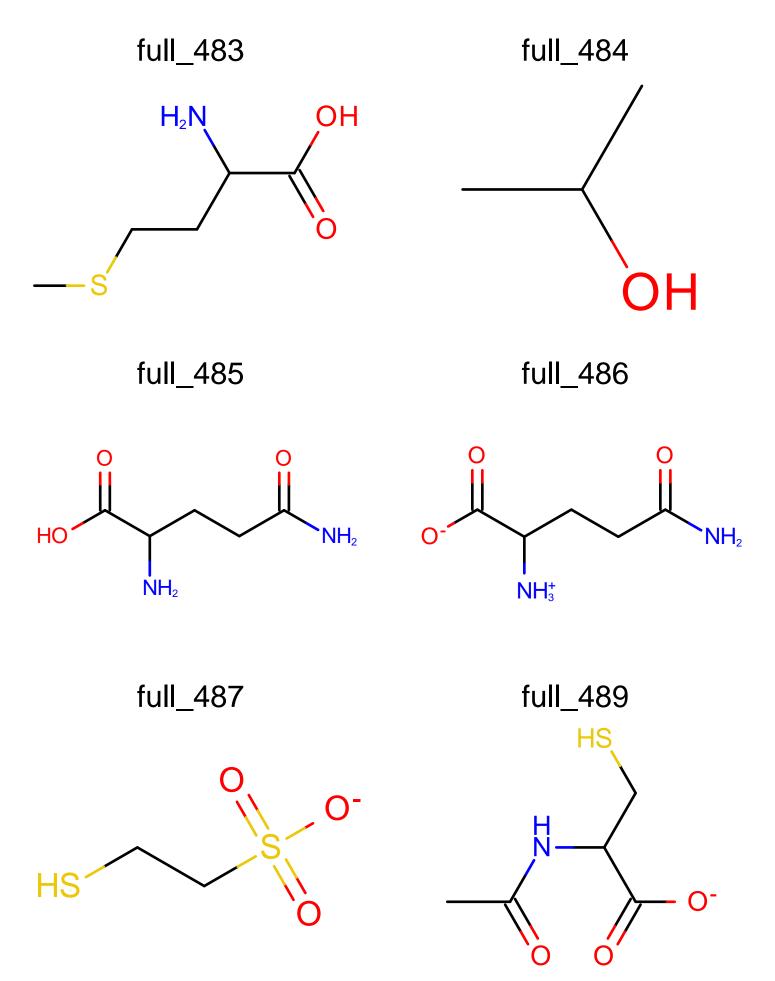
OH

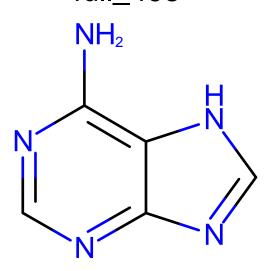
full_480

full_482

OH

 $\dot{N}H_2$





ОН

ОН

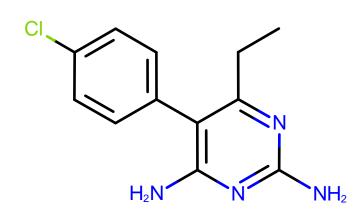
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full_512

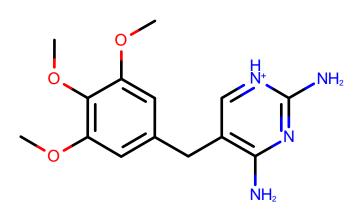
full_513

full_517

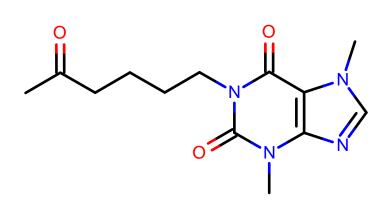
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full_520



full_524

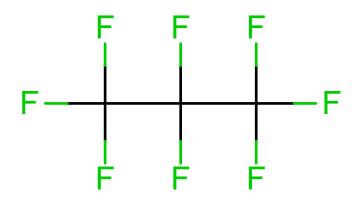


full_525

full_526

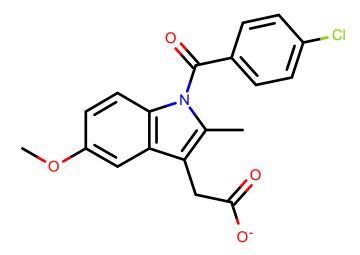
full_532

full_533



full_538

full_539



full_553

full_554

full_555

full_557

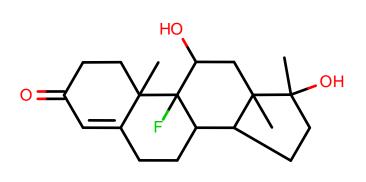
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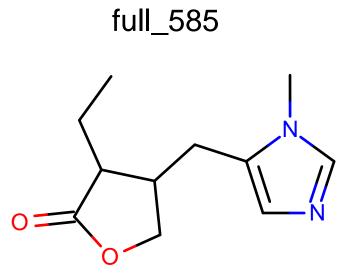
full_567

full_568

$$\begin{array}{c} \text{H}_2\text{N} & \text{O} \\ \text{H}_2\text{N} & \text{N} & \text{N} \\ \text{H}_2\text{N} & \text{N} & \text{N} \\ \end{array}$$

$$\begin{array}{c} \text{full}_570 \\ \end{array}$$





full_603

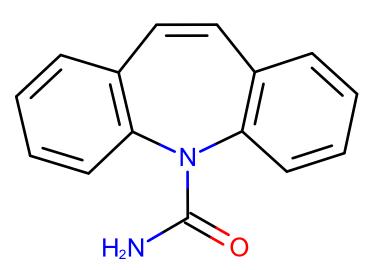
full_605

full_608

full_609

full_611

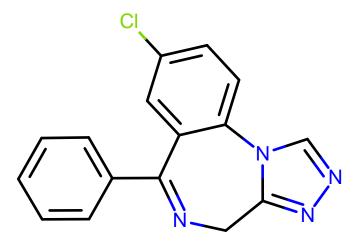
full_613



full_627

full_629

full_631



full_653

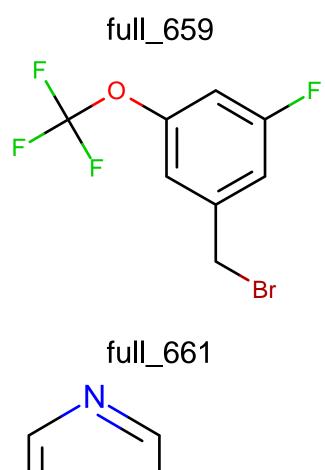
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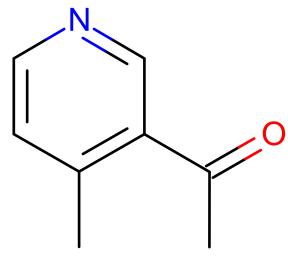
full_655

$$H_2N$$
 N N N

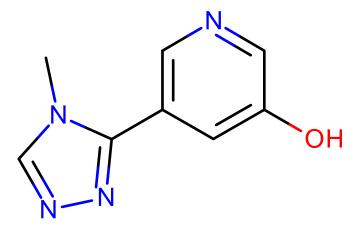
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full_657





full_669



full_678

full_680

full_681

full_682

full_688

full_690

full_692

full_694

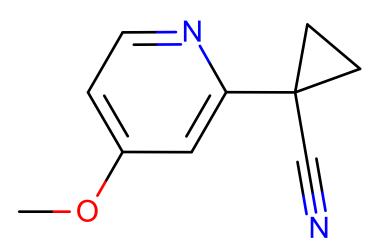
full_704

full_709

full_713

full_723

full_724



full_725

full_726

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HO

full_740

full_742

 NH_2

N⁺

CI

Br

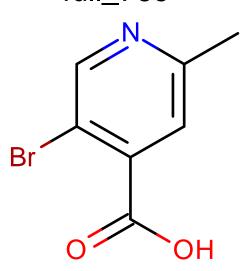
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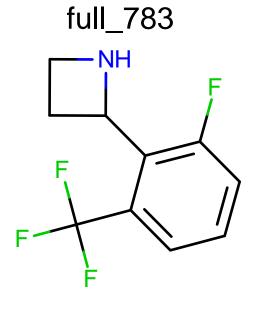
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full_766

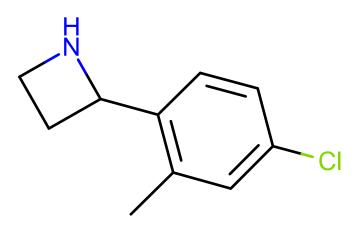
full_767

full_769



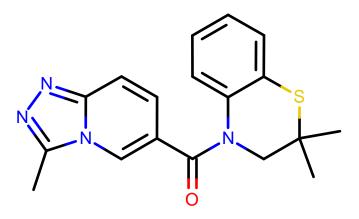


full_785



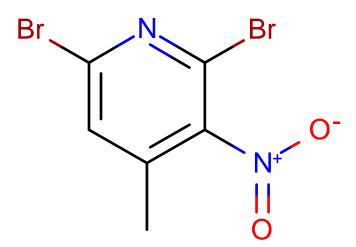
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full_799



full_801

full_805

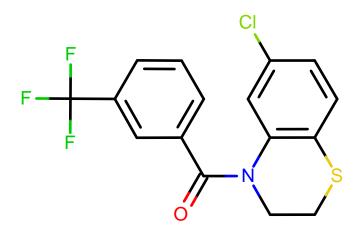


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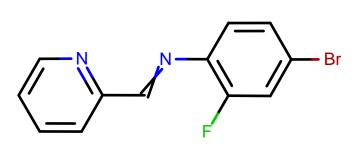
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full_838

full_840



full_842



full_846

full_848

full_869

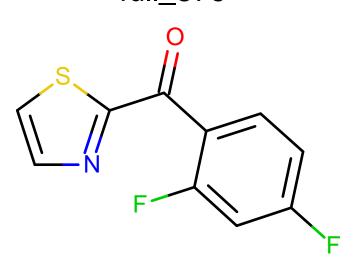
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full_872

full_873

full_877

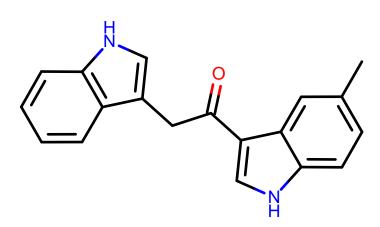
full_878



full_880 full_881 NH₂ full_882 full_883 full_884 full_885 Br

NH₂

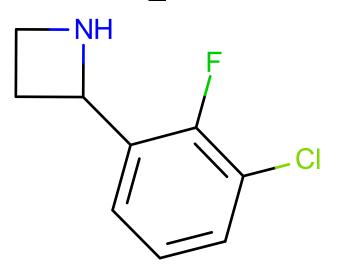
full_897



full_905

full_907

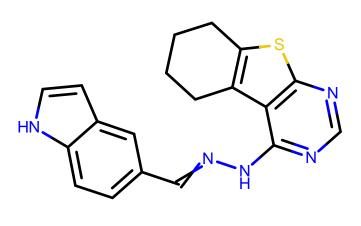
full_909



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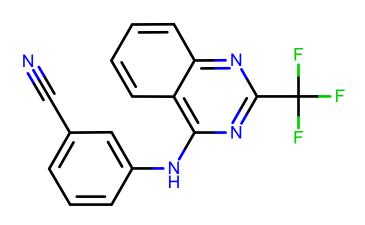
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full_921



full_926

full_928



full_944

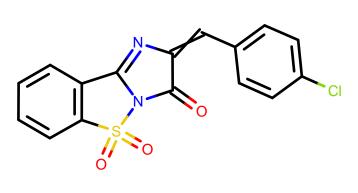
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full_952

full_956

full_957



full_961

full_962

full_964

full_966

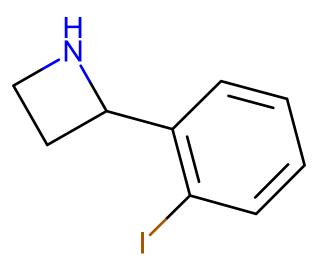
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full_968

full_969

full_971

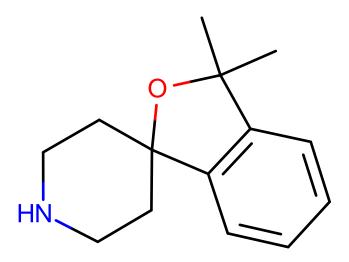
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full_985

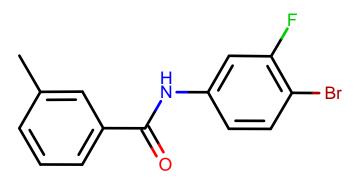
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full_989



full_993

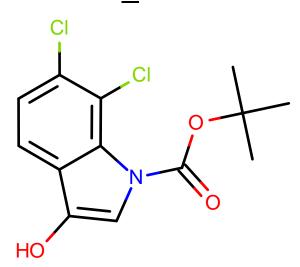
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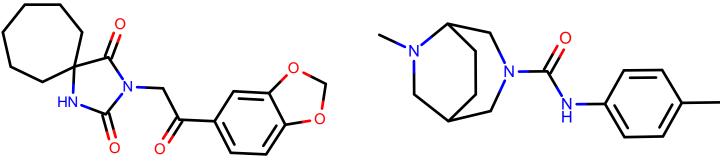
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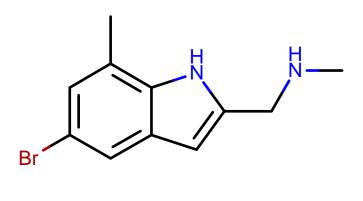
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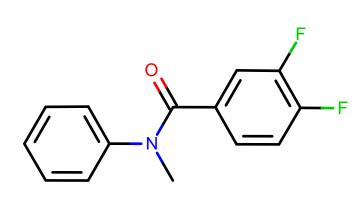
full_1001



full_1002 full_1003 Br Br ŃН full_1004 full_1005 full_1006 full_1007

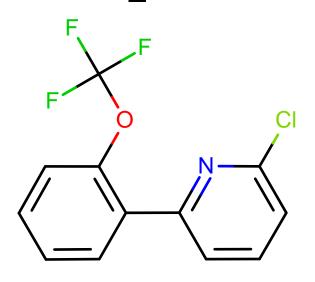




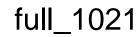


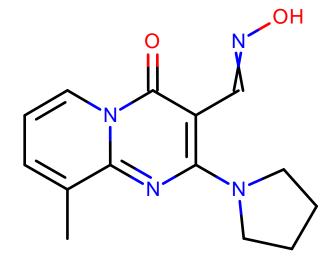
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full_1019

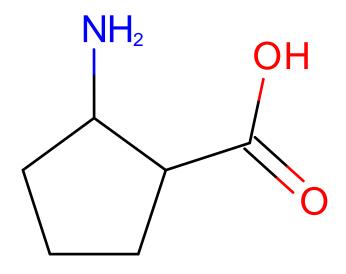


NH₂

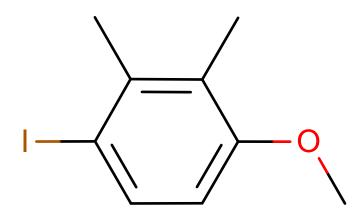




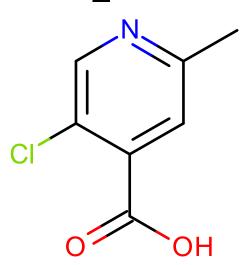
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full_1025



full_1028



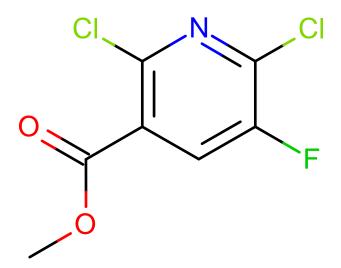
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full_1036

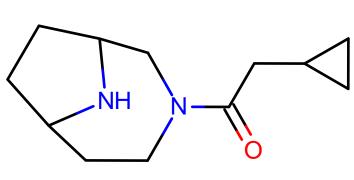
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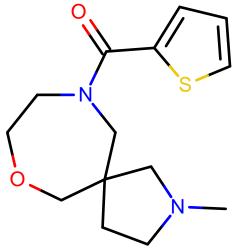
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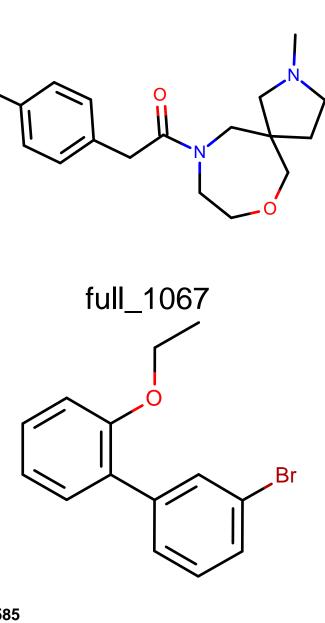
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full_1049

full_1053

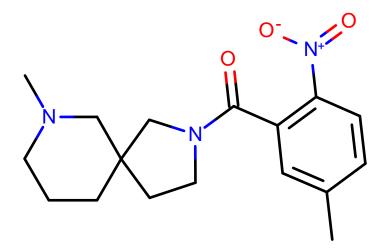


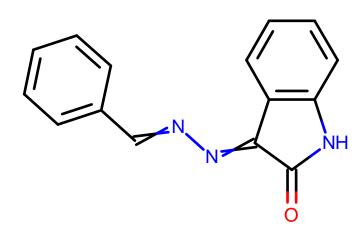


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full_1070

full_1071





full_1072

full_1073

full_1077

full_1079

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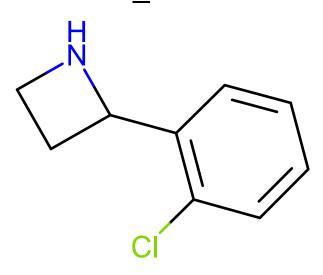
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full_1091

OH

full_1106

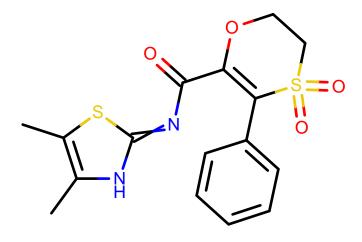
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full_1111

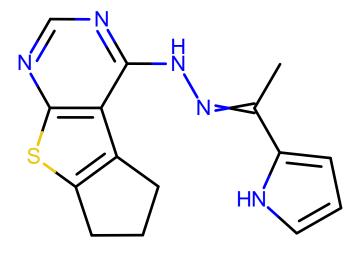
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full_1113



full_1114

full_1115



full_1125

full_1126

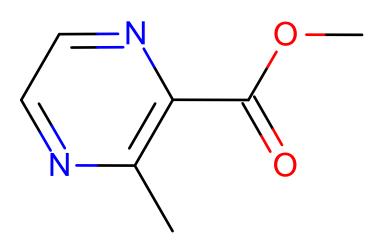
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full_1131

full_1132

full_1134



full_1136

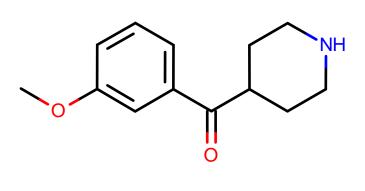
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full_1140

full_1148

full_1150

full_1152



full_1156

full_1157

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full_1167

full_1168

full_1169

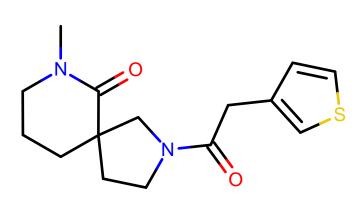
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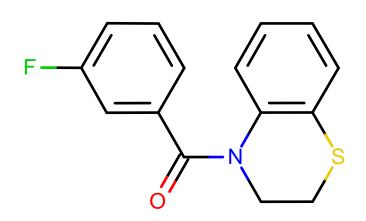
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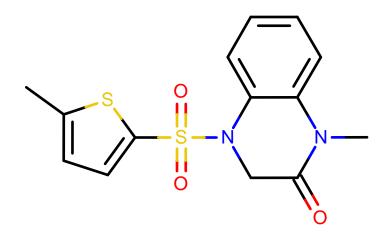
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full_1175





full_1177



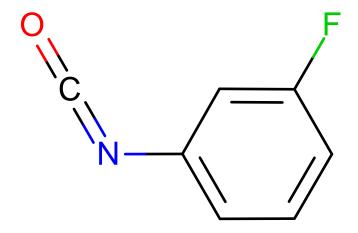
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full_1180

full_1181

full_1182

full_1183



full_1189

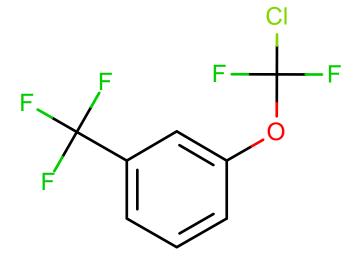
. Br

HO

full_1197

full_1199

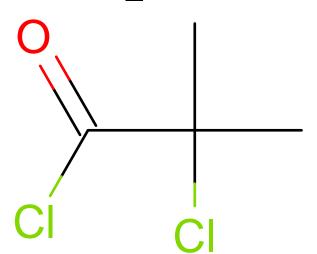
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full_1217

full_1218

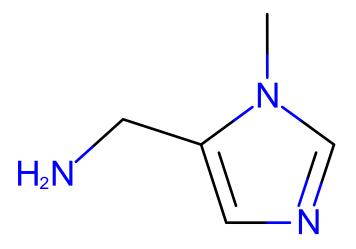
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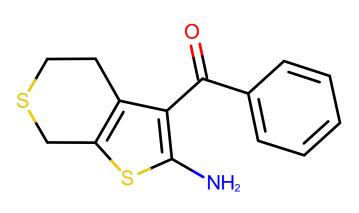


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full_1229

full_1231





full_1235

full_1236

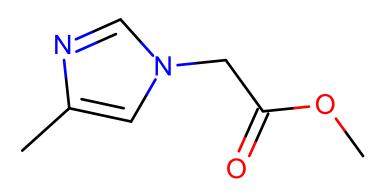
full_1237

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OH

full_1246

full_1247



full_1248

full_1249

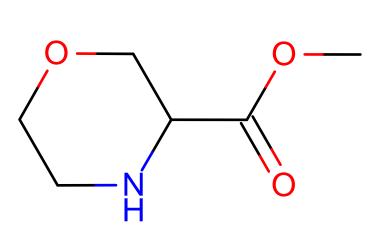
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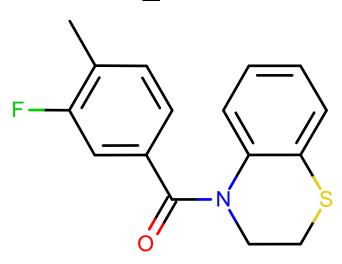
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full_1258

full_1259

full_1260



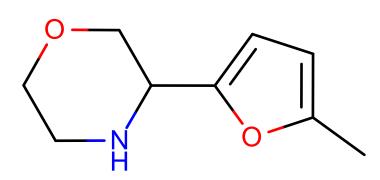


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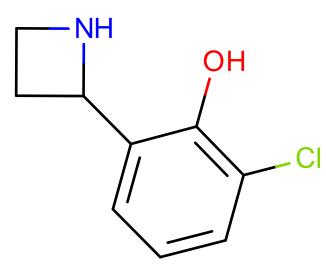
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full_1270

full_1271



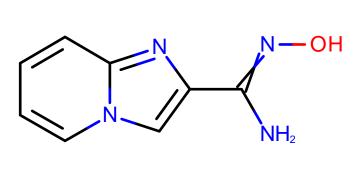
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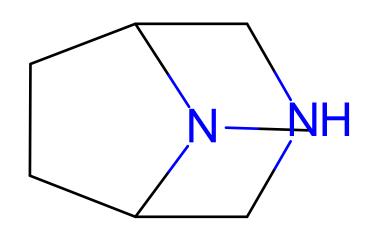


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full_1276

full_1277





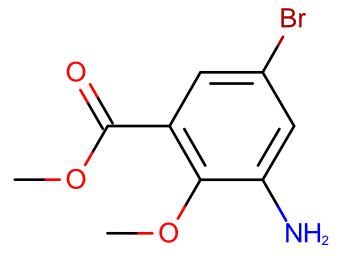
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full_1279

full_1282

full_1281

full_1283



full_1298

full_1301

full_1303

full_1300

full_1302

full_1304

full_1307

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full_1310

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full_1314

full_1315

full_1316

full_1318

full_1319

full_1320

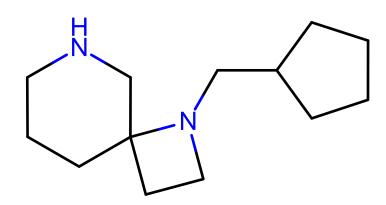
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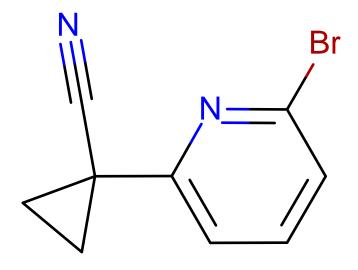
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 NH_2

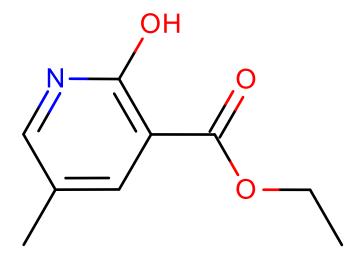
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full_1328





full_1344



full_1347

full_1352

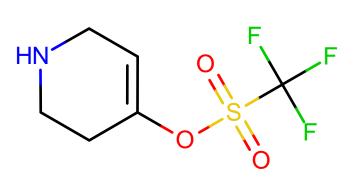
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full_1351

full_1353

full_1357

full_1358



full_1361

full_1362

full_1363

full_1364

full_1365

full_1373

full_1374

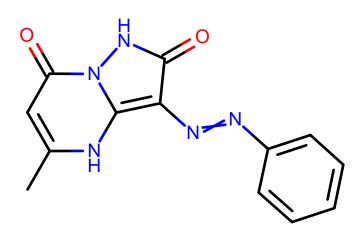
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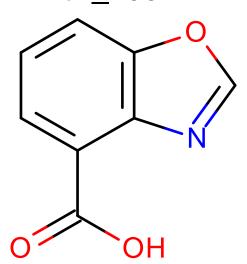
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full_1379

full_1381





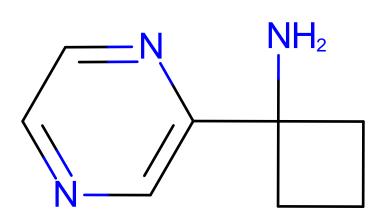
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full_1385

full_1388

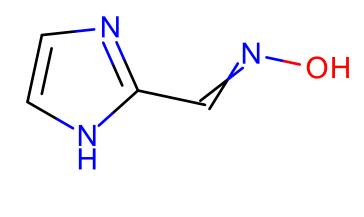
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full_1389



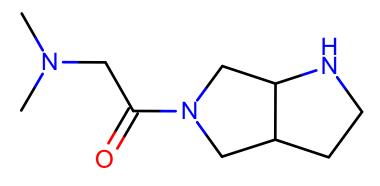
full_1393

full_1395



full_1411

full_1413

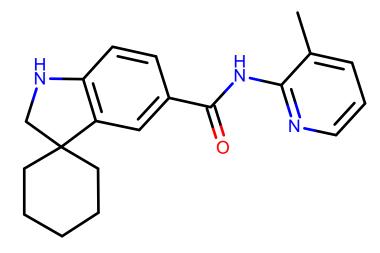


full_1416

full_1417

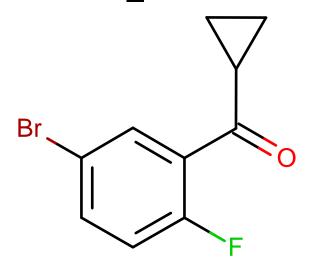
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full_1419

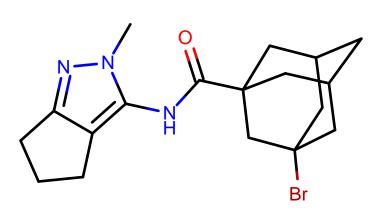


full_1421

full_1423



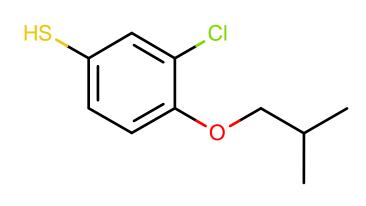
full_1425



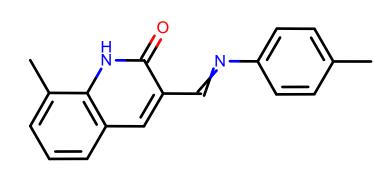
$$H_2N$$

full_1427

full_1429



full_1431



full_1433

full_1434

full_1435

full_1436

full_1437

full_1439

full_1440

full_1442

full_1443

full_1447

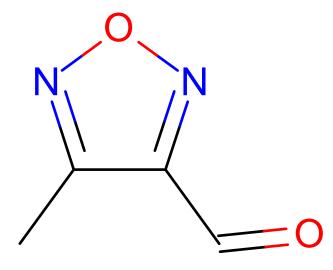
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full_1452

full_1453

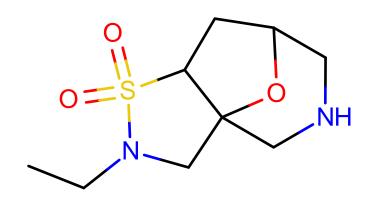
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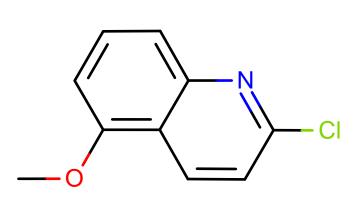
full_1460

full_1457

full_1459



full_1461



full_1469

full_1470

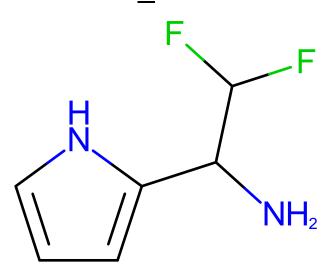
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full_1472

full_1473

full_1477

full_1478

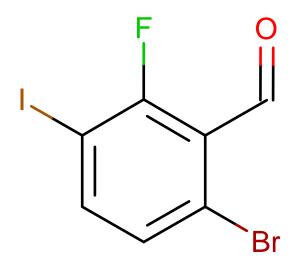


full_1485

full_1487

full_1490

full_1491



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full_1500

full_1501

full_1502

full_1503

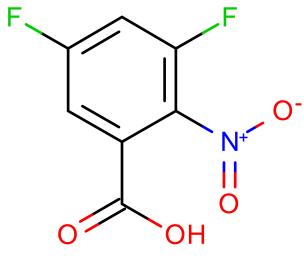
full_1505

$$H_2N$$
 N
 Br

full_1507

full_1508

full_1513

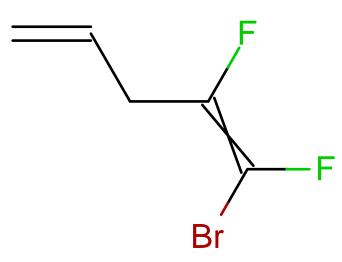


full_1515

full_1517

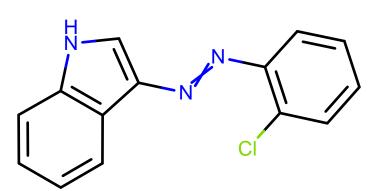
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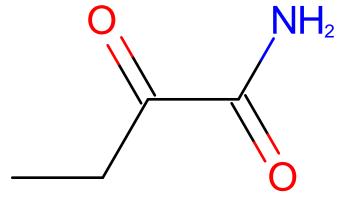
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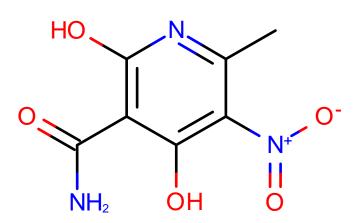
full_1521

full_1526

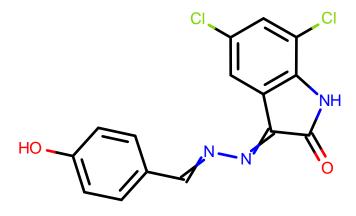




full_1545

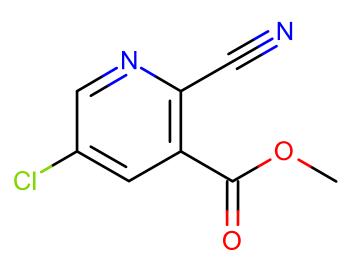


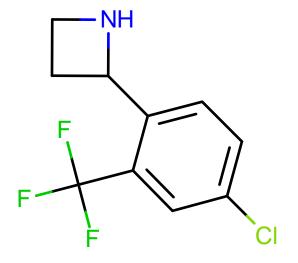
full_1551



$$O = N^{+}$$

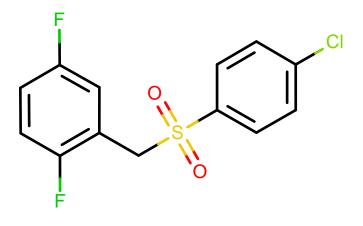
full_1561

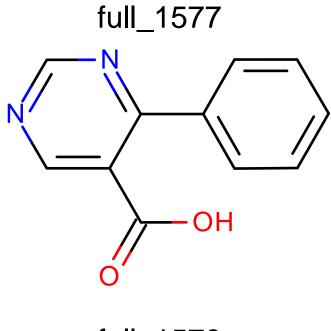


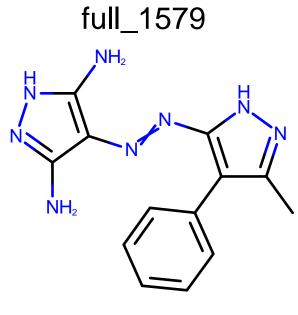


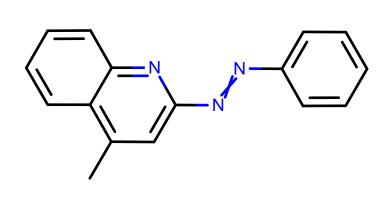
full_1567

full_1568









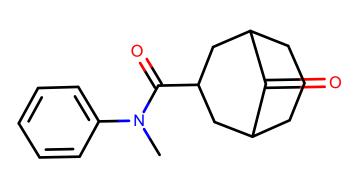
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full_1585

full_1586

full_1587

full_1589

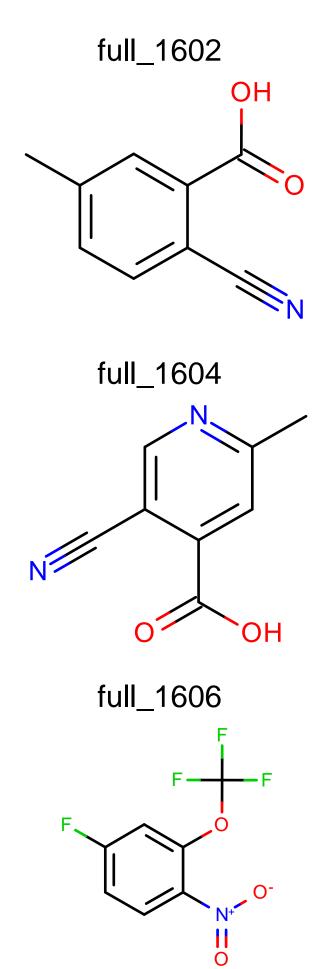


full_1590

full_1591

full_1593

 H_2N



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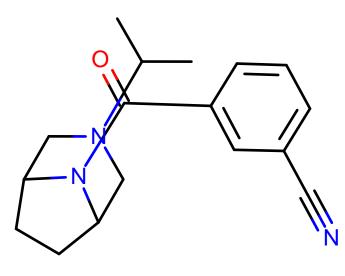
full_1615

full_1616

full_1617

full_1618

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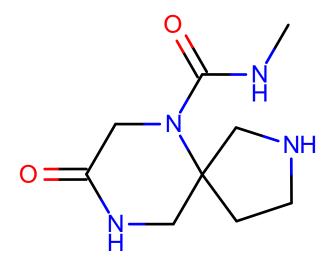


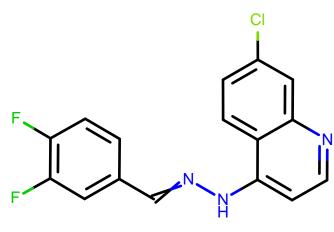
full_1631

full_1637

full_1636

full_1638

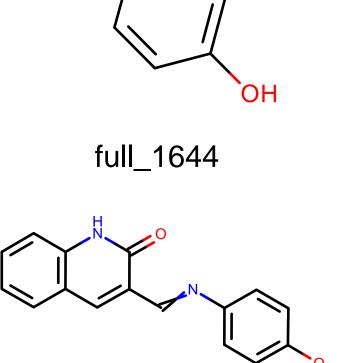




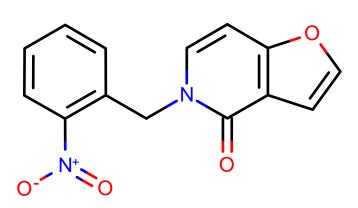
full_1643

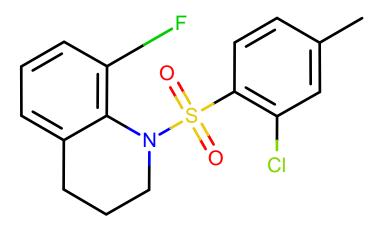
full_1640

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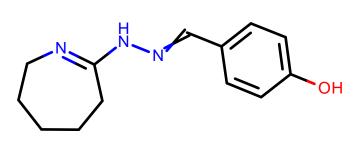


full_1653

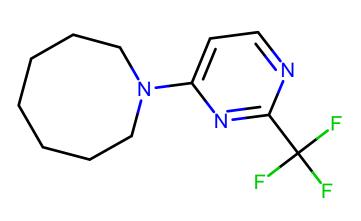


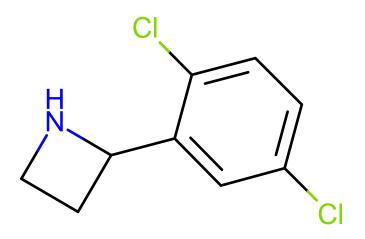


full_1655



full_1657





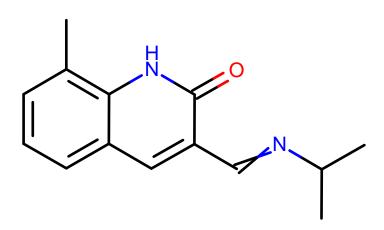
full_1661

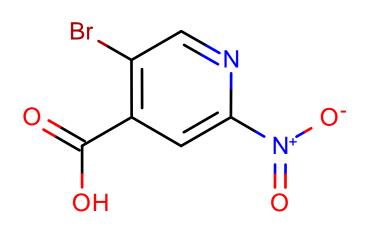
full_1663

$$H_2N$$
 N
 N

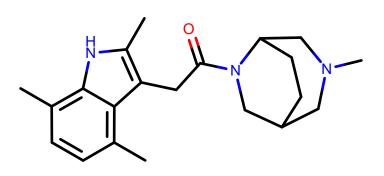
full_1666

full_1667



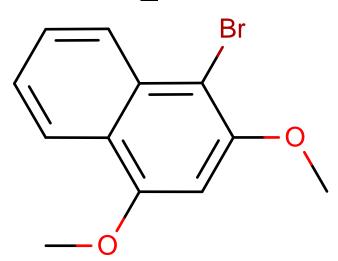


full_1669



full_1672

full_1673



full_1674

full_1675

full_1676 full_1677 ОН full_1678 full_1679 HO SH HO full_1680 full_1681

full_1691

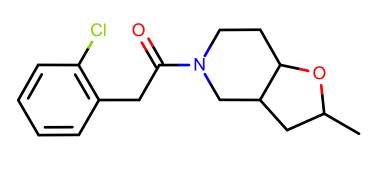
full_1693

Idil_1098
Idil_1099
Idil_1099
Idil_1099

full_1704

full_1709

full_1710



full_1717

full_1720

$$H_2N$$

full_1722

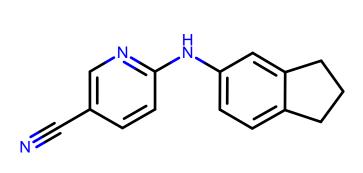
full_1721

full_1723

full_1731

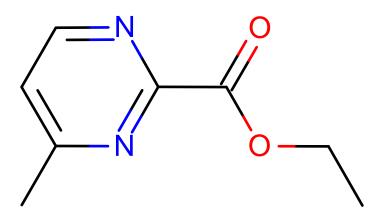
full_1732

full_1733



full_1734

full_1736



full_1740

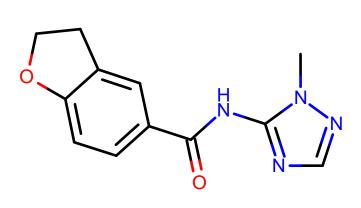
full_1743

full_1746

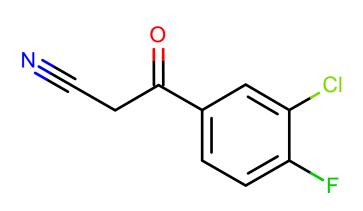
full_1745

full_1747

$$HO \longrightarrow NH_2$$
 $N \longrightarrow NH_2$



full_1760

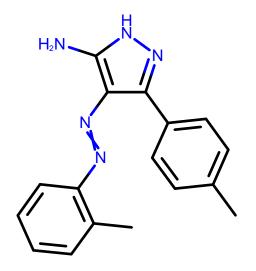


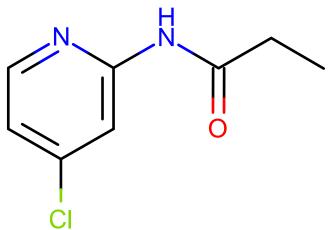
full_1762

full_1773

full_1774

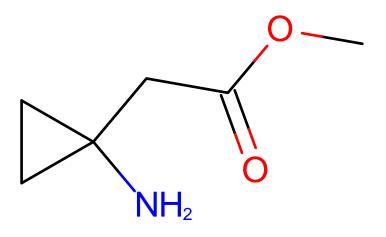
full_1775

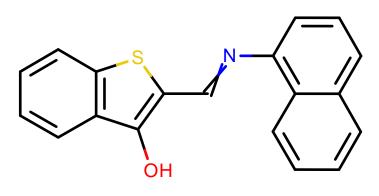




full_1778

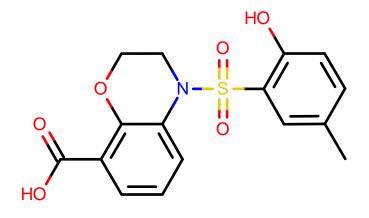
full_1779



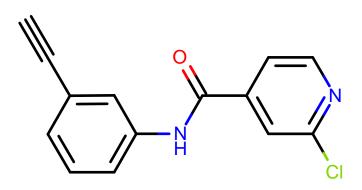


full_1780

full_1781

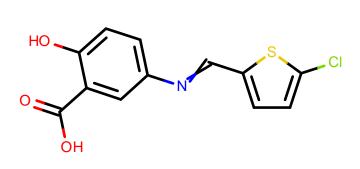


full_1783



full_1784

full_1785

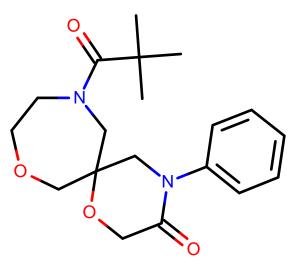


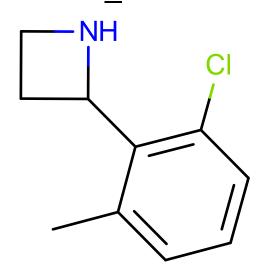
full_1788

full_1790

full_1791

full_1792





full_1796

full_1797

full_1798

full_1799

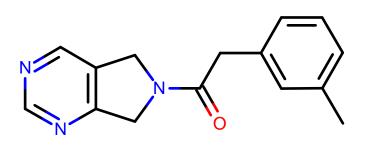
full_1800

full_1803

full_1804

full_1806

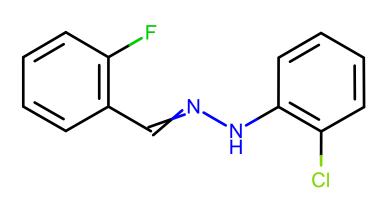
full_1810



full_1811

full_1816

full_1817



full_1822

full_1824

full_1829

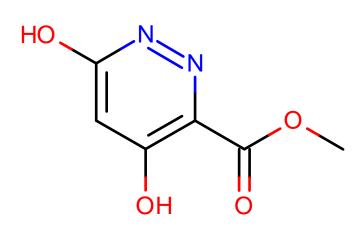
full_1826

$$H_2N$$
 N
 N
 N
 N

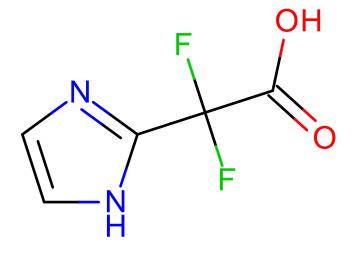
full_1828

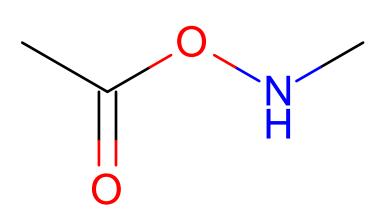
full_1830

full_1834



full_1836

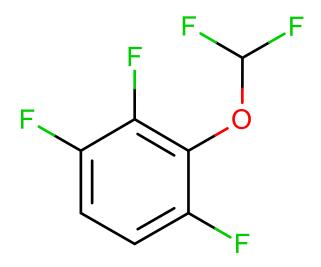




full_1839

full_1842

full_1847



full_1850

full_1851

full_1852

$$rac{N}{H_2}$$

full_1854

full_1855

full_1865

full_1867

$$H_2N$$
 Br

full_1887

full_1888

full_1889

full_1891

full_1893

full_1895

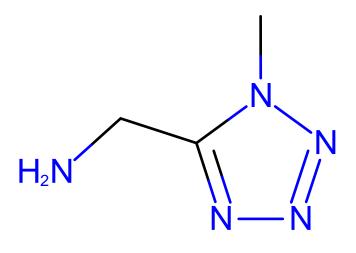
full_1897

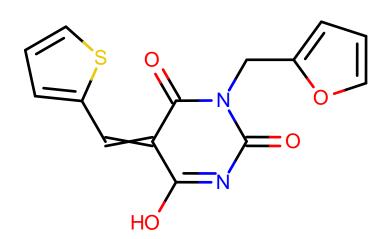
full_1905

full_1907

full_1912

full_1913

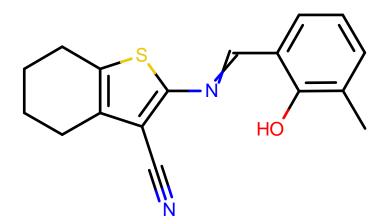




full_1915

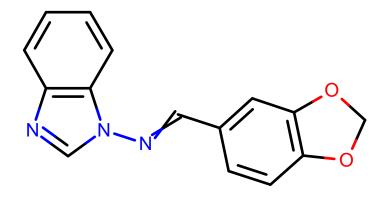
full_1917

full_1919



full_1921

full_1925

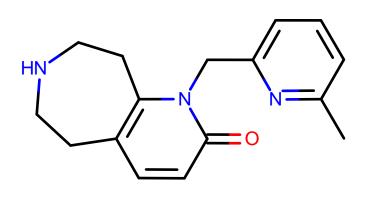


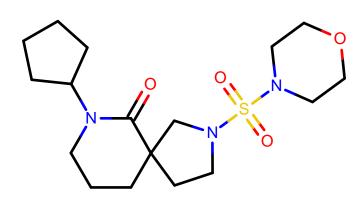
full_1929

$$H_2N$$
 N^+
 $O^ O^-$

full_1930

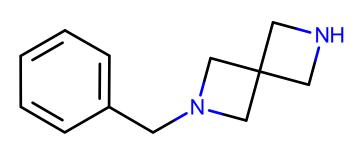
full_1931



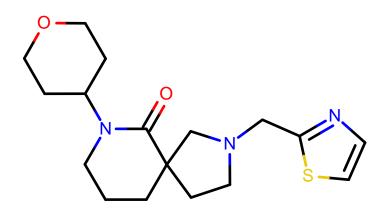


full_1932

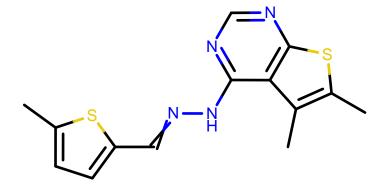
full_1933



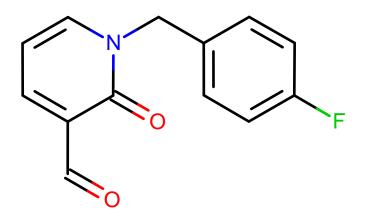
full_1937



full_1938



full_1946



full_1949

full_1950

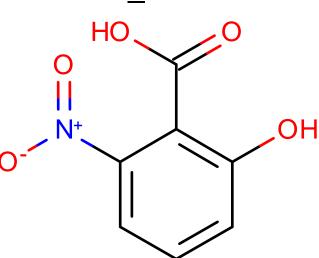
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full_1954

full_1956

full_1958



full_1960

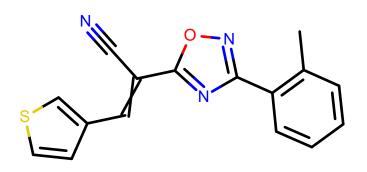
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full_1969



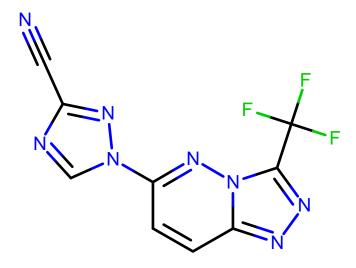
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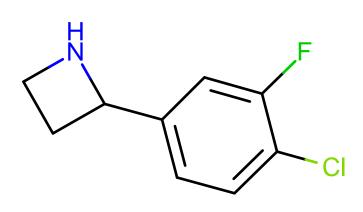
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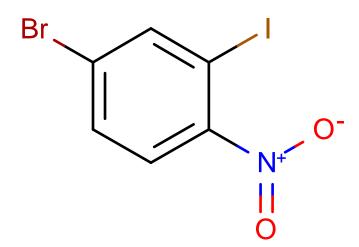


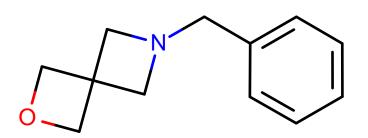
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full_1983





full_1986

full_1989

full_1991

$$H_2N$$
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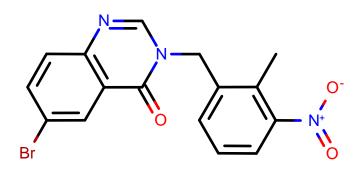
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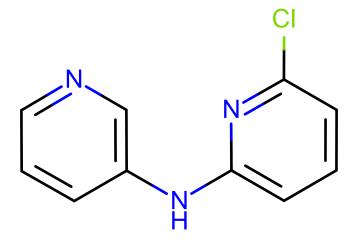
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full_2009

full_2011

full_2013

$$H_2N$$

full_2027

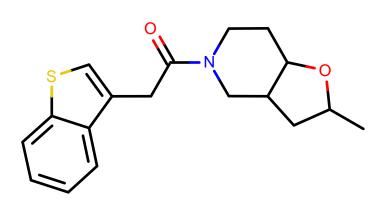
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full_2035

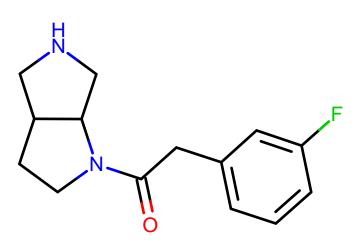


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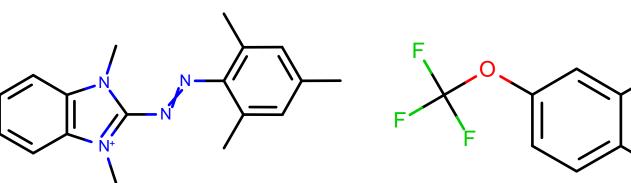
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full_2049

full_2050



full_2053 full_2052 Br full_2054 full_2055

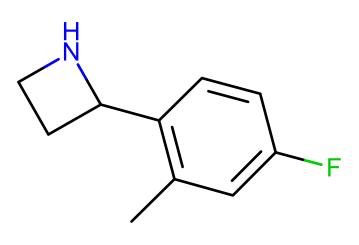


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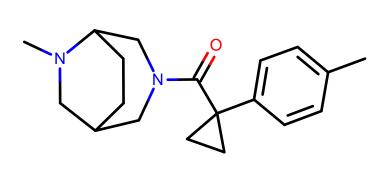
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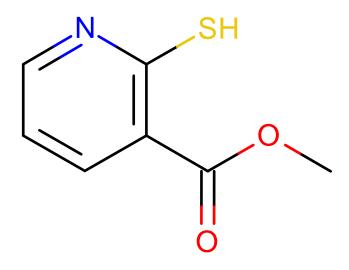
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full_2067

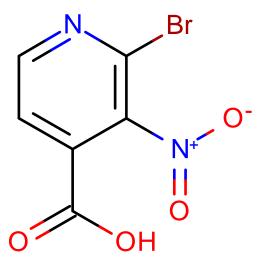


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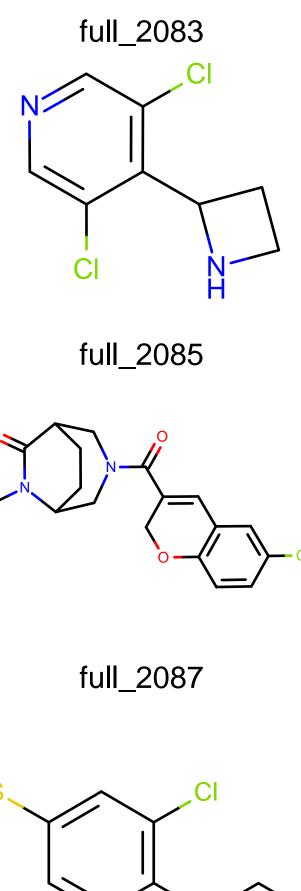
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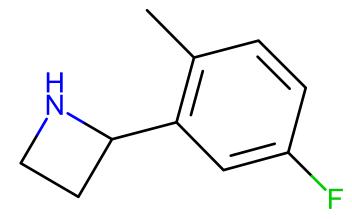
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full_2079

full_2081



full_2092



full_2089

full_2091

full_2093

full_2099

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full_2100

full_2106

$$N = \begin{pmatrix} N & & & \\ & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

full_2110

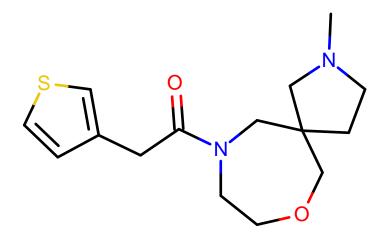
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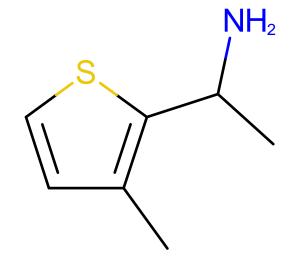
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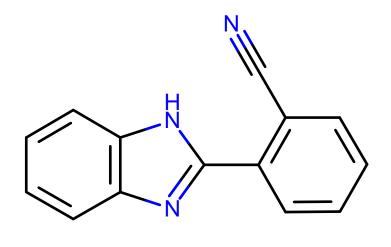
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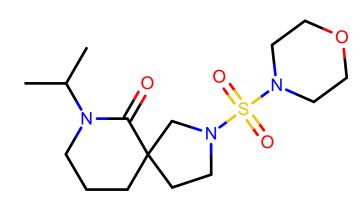


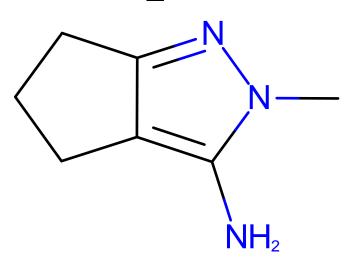
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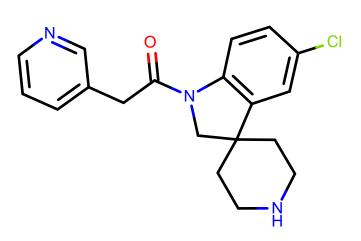






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full_2123



full_2124

full_2125

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full_2129

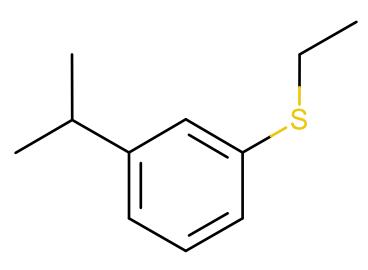
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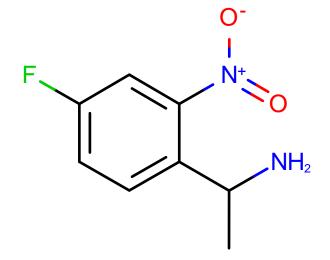
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full_2135

full_2137



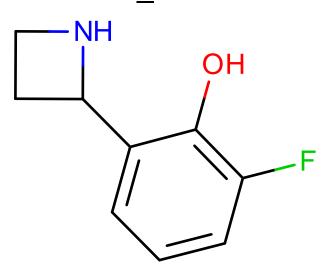


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full_2141

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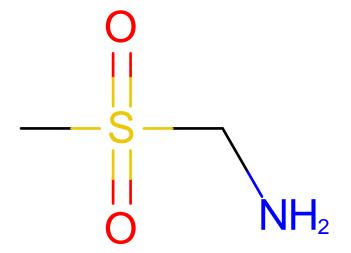


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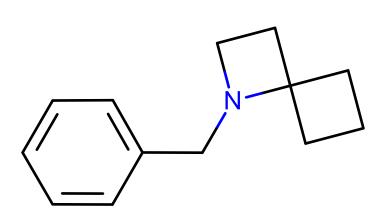
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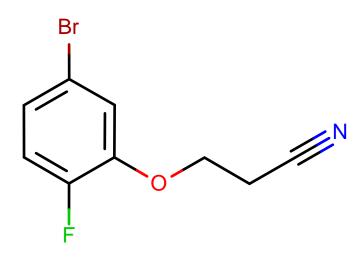


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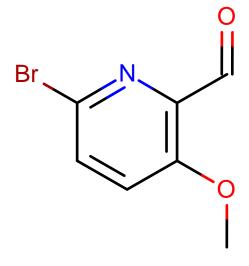


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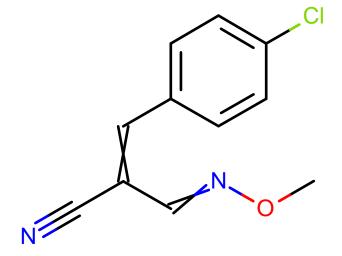
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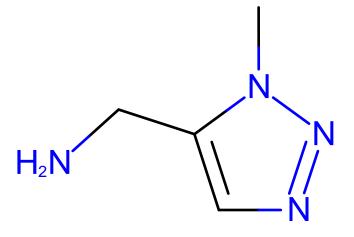
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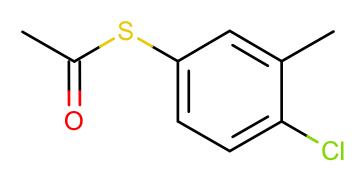
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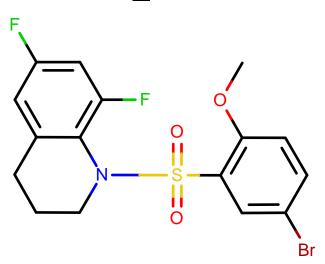


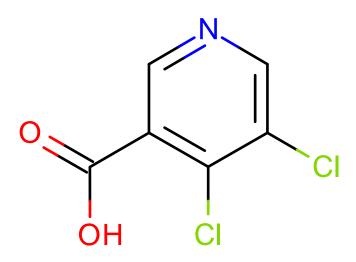




full_2178

full_2180



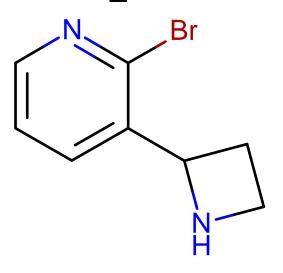


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full_2184

full_2185

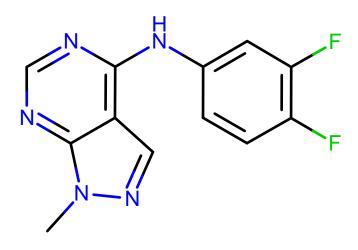
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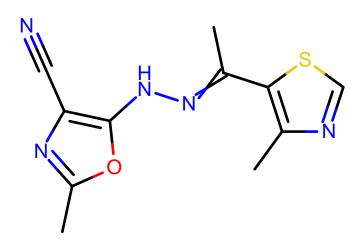
full_2196

$$H_2N$$

full_2198



full_2200



full_2201

full_2202

full_2203

full_2204

full_2209

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full_2214

full_2217

full_2213

full_2215

full_2218

full_2220

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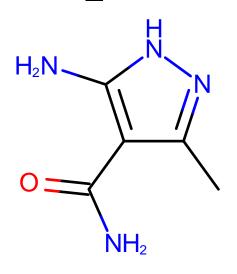
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full_2239

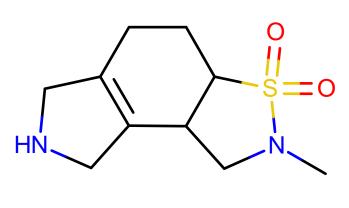
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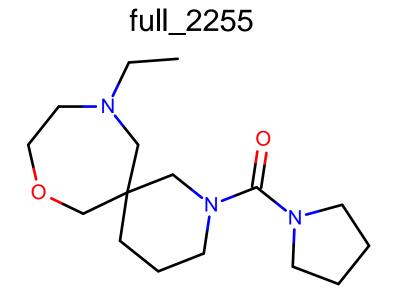


full_2242

full_2243



full_2248



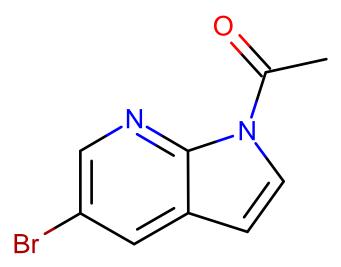
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full_2267



full_2270

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full_2273

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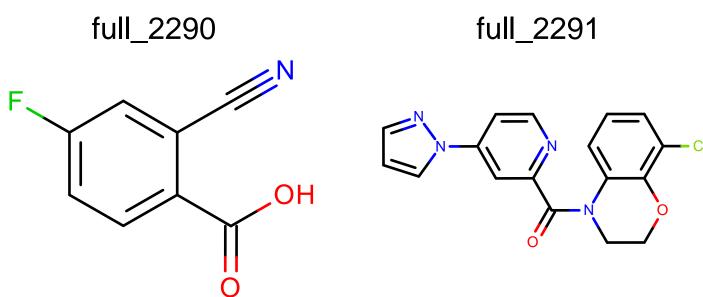
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full_2277

full_2278

full_2279

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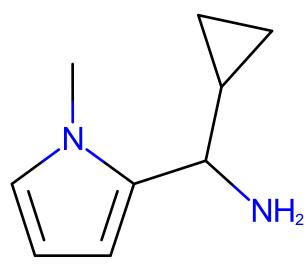
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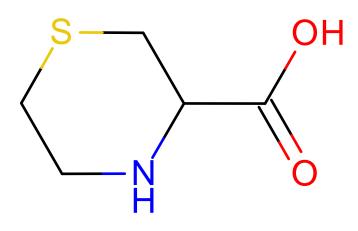
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full_2295

$$H_2N$$
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full_2297





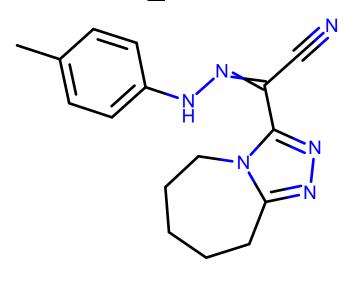
full_2302

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full_2306

full_2307

full_2308



full_2309

full_2310

full_2313

full_2314

full_2315

full_2316

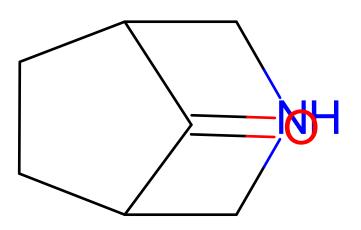
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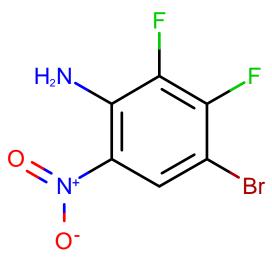
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full_2327

full_2328

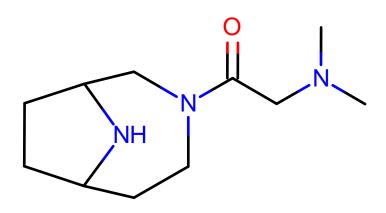
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full_2334



full_2348

full_2350

full_2352

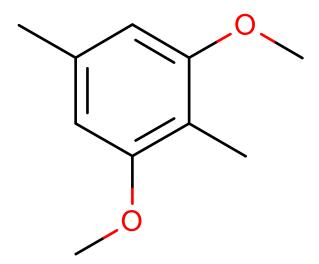
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full_2359

full_2360

full_2363



full_2364

full_2365

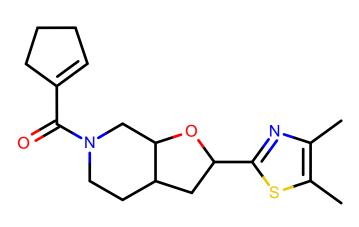
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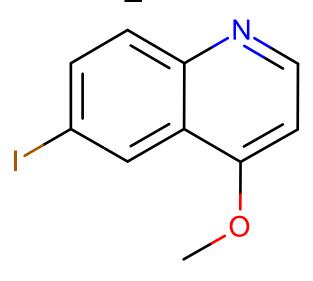
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$$H_2N$$

full_2379

full_2380





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full_2397

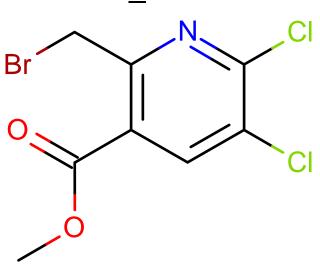
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full_2405



full_2407

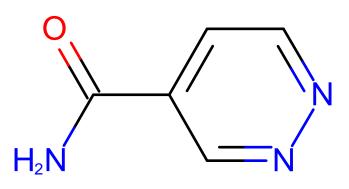
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$$H_2N$$

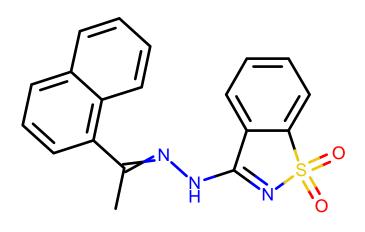
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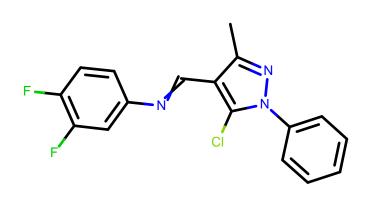
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full_2420

full_2421





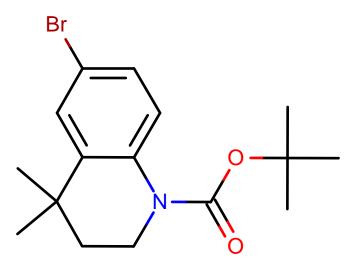
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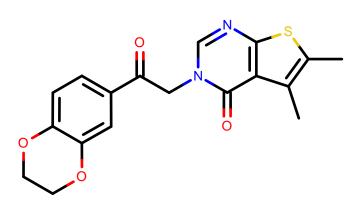
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full_2427

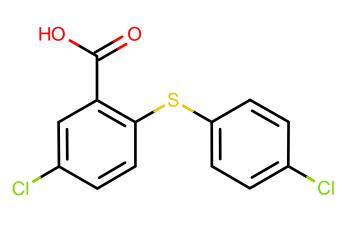




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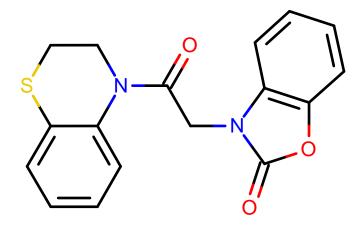


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full_2440

full_2437

full_2439



full_2441

full_2443

full_2444

full_2445

full_2446

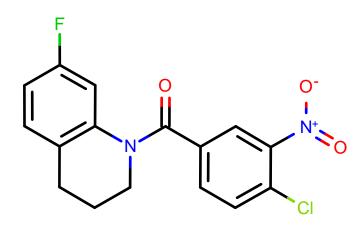
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full_2452

full_2453

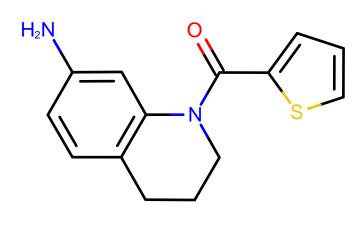


$$H_2N$$
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full_2456

full_2458

full_2459

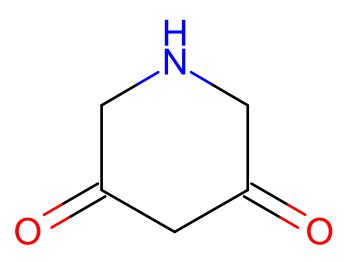


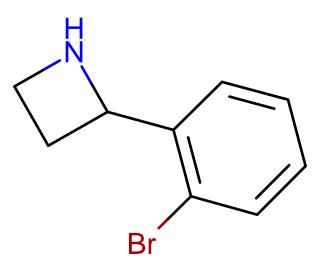
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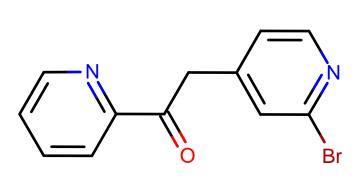
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full_2465





full_2469



full_2471

full_2474

full_2473

full_2475

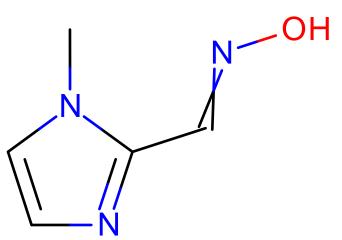
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full_2493

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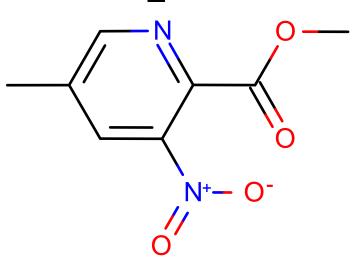
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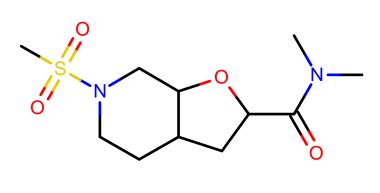
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full_2517

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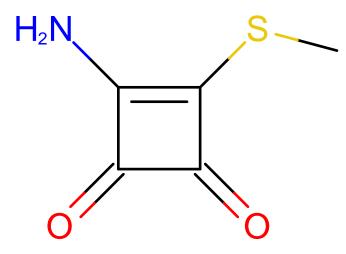
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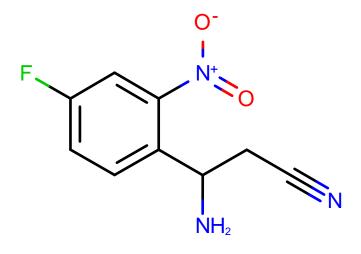
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full_2542



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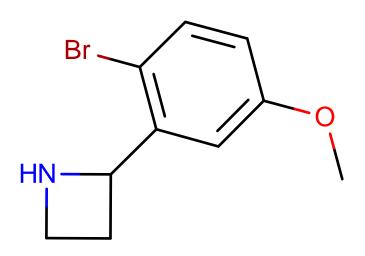
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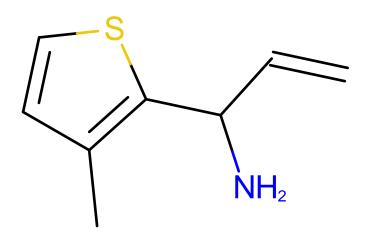
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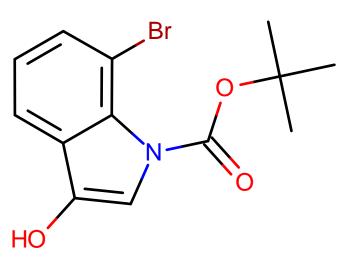
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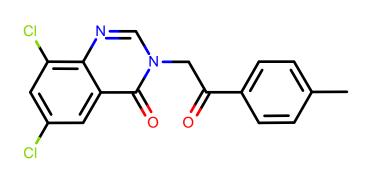




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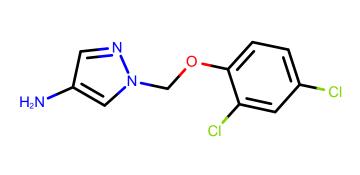
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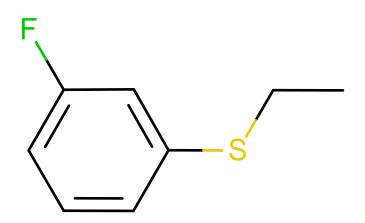




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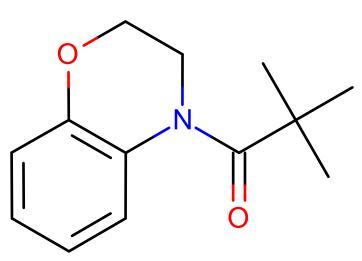


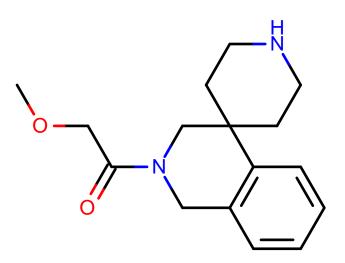


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full_2560

full_2562





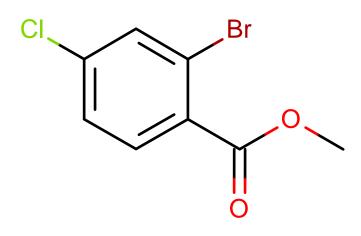
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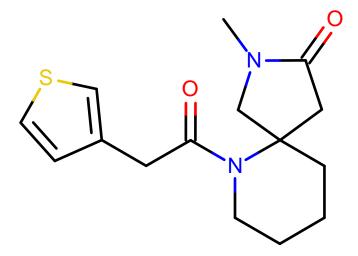
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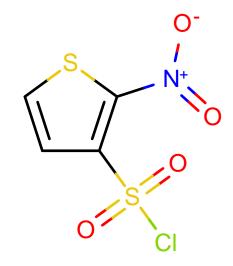


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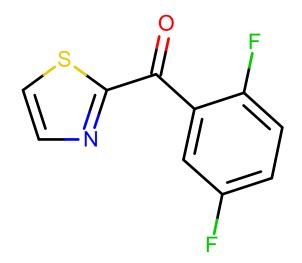


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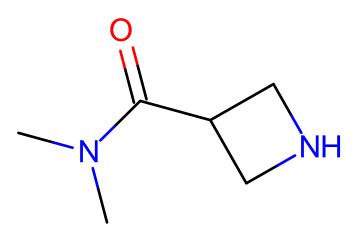
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full_2580



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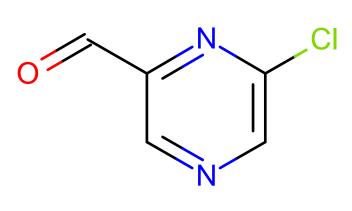
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full_2622

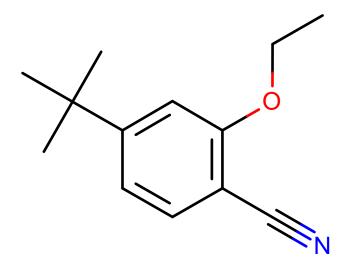
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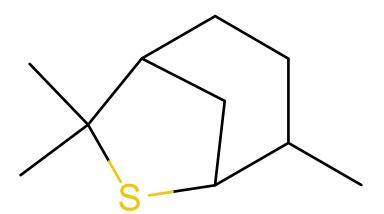
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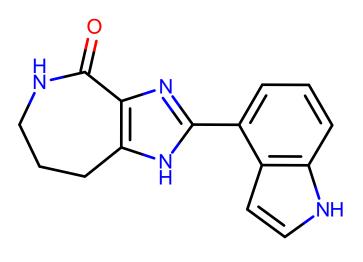
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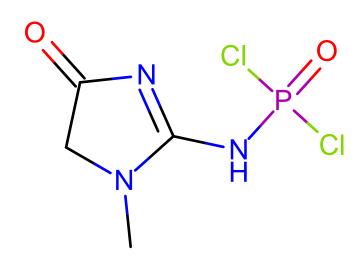
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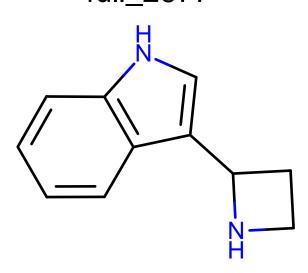
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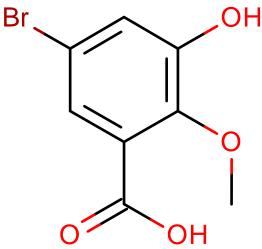




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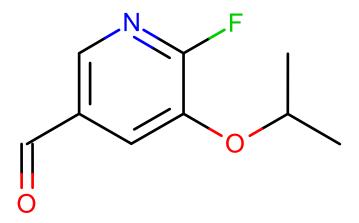
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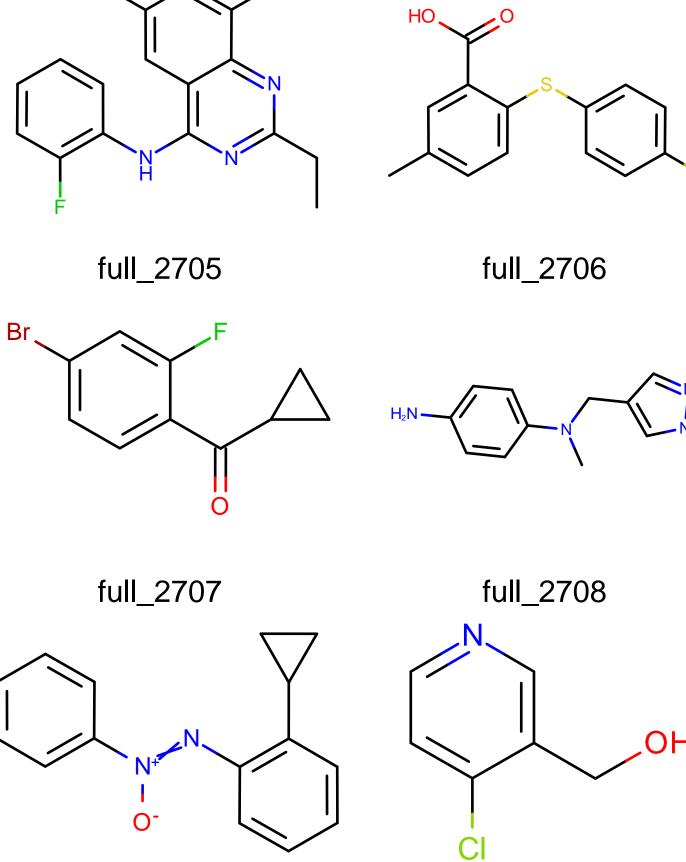


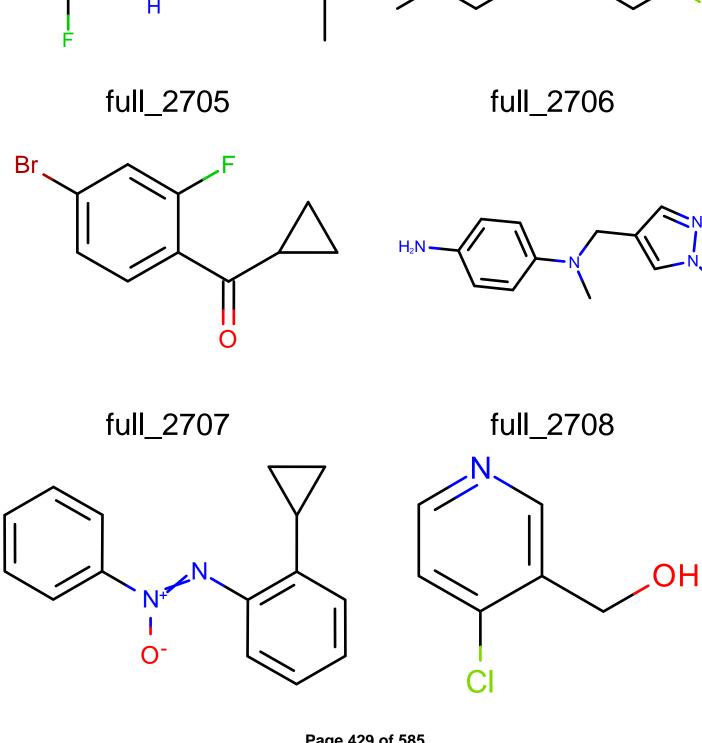
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full_2702





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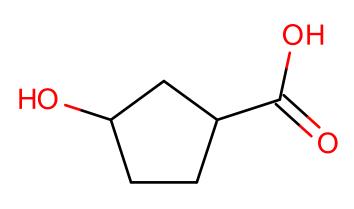
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$$N \longrightarrow N$$

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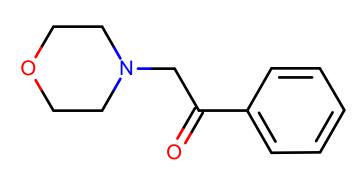
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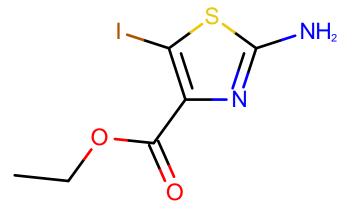
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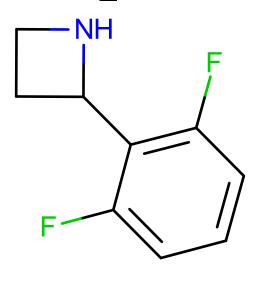
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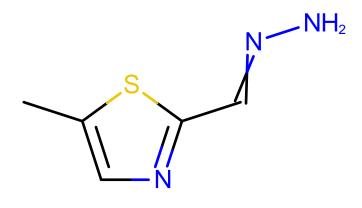
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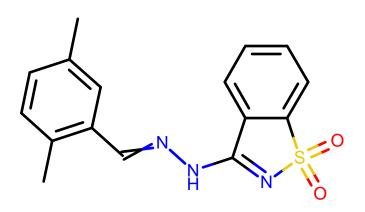
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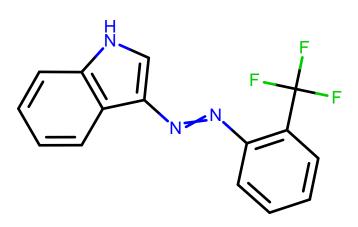
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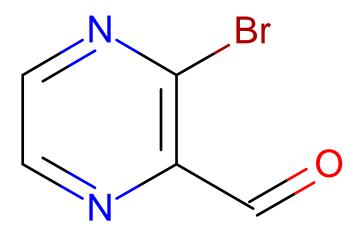


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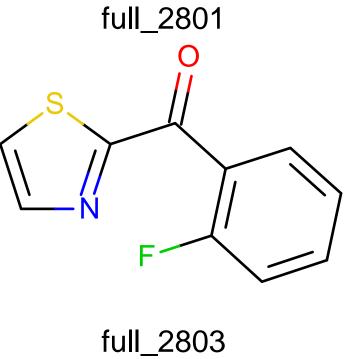


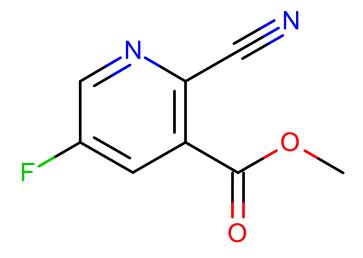
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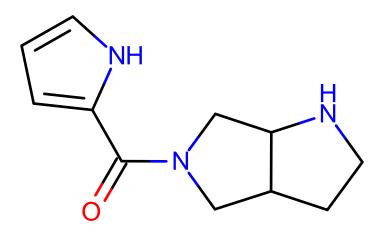
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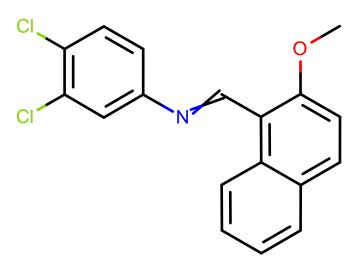




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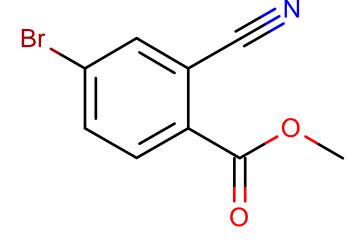


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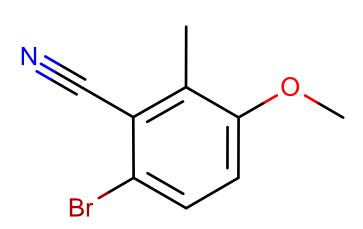
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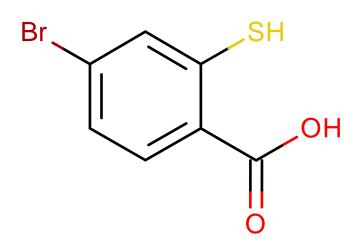


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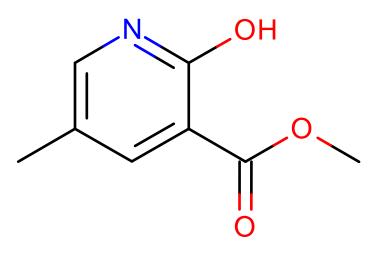
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full_2830



full_2833

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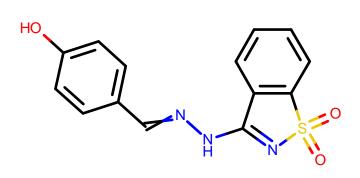
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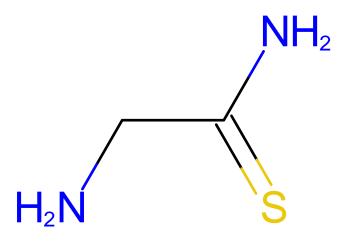
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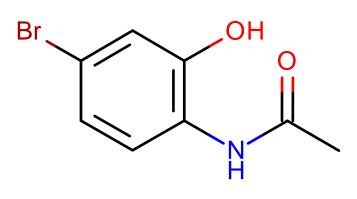
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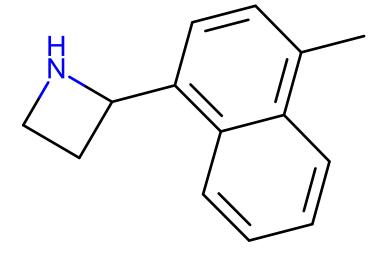


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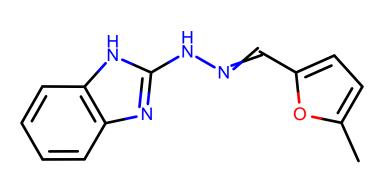






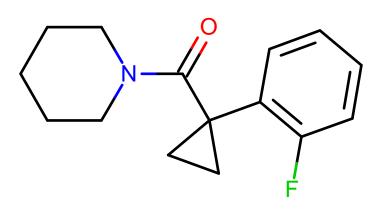
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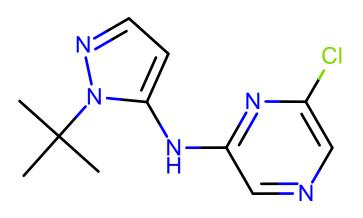
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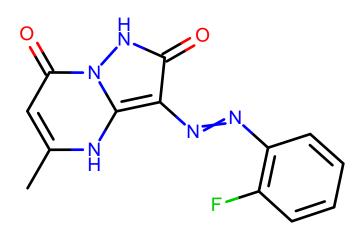
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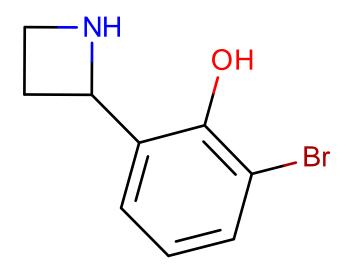
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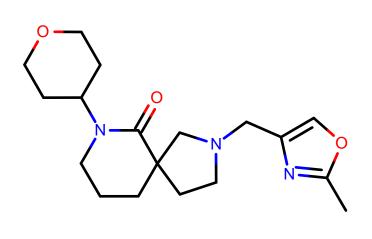
$$H_2N$$
 N F F

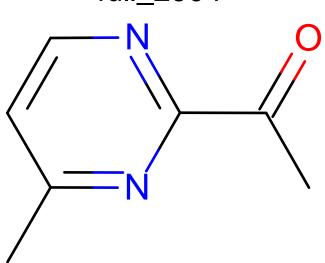
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$$H_2N$$
 N
 N

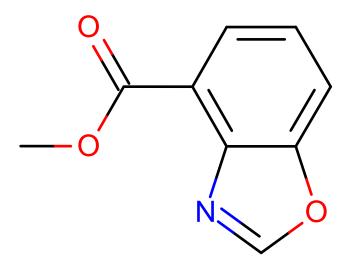
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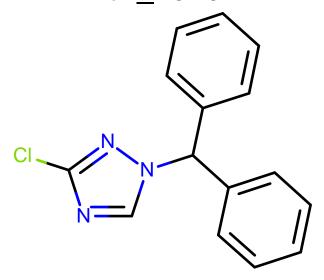


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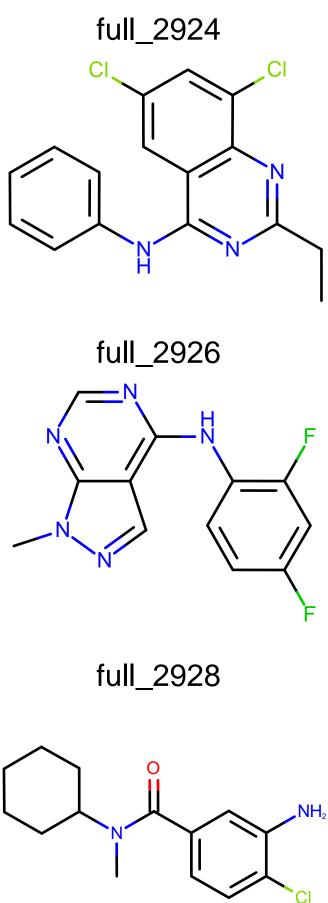
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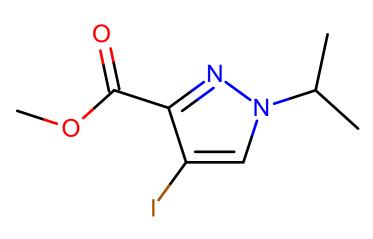
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$$H_2N$$
 H_2N
 H



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full_2934



full_2936

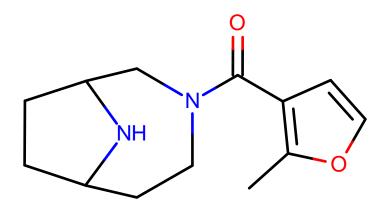
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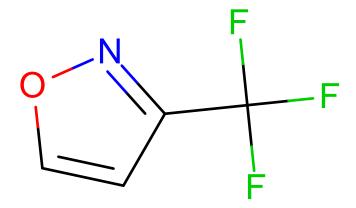
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$$H_2N$$
 N N CI

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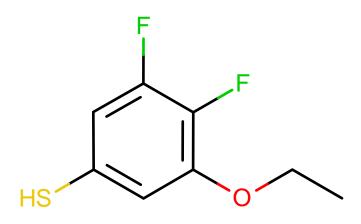
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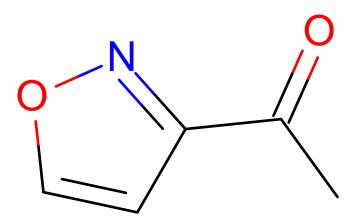




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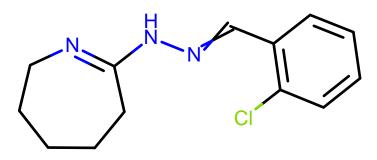
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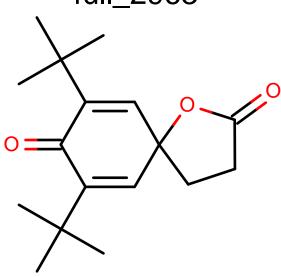
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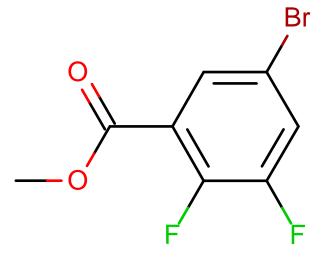
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full_2962

full_2964





full_2969

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full_2985

full_2987

full_2988

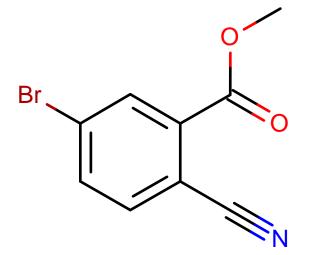
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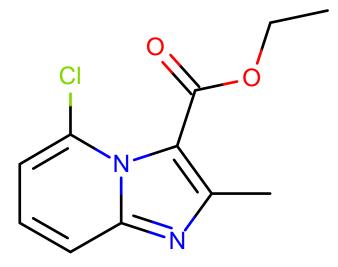


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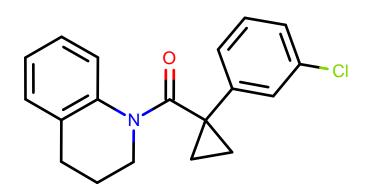
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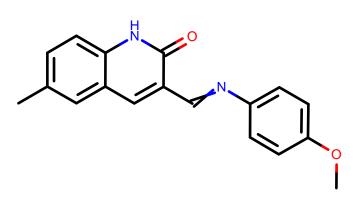
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full_3017



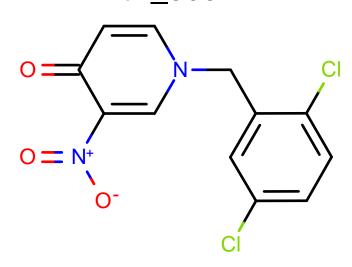
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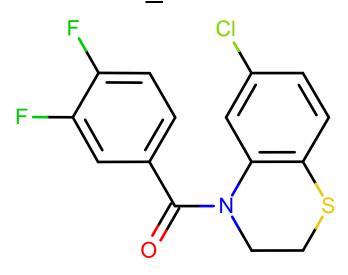
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full_3031

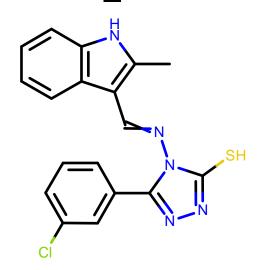


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full_3038

full_3039



full_3045

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full_3049

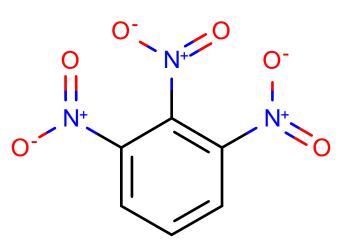
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full_3051

full_3057

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full_3058

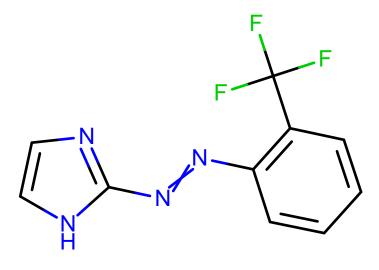


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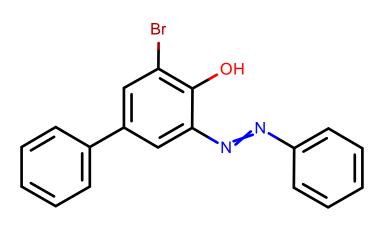


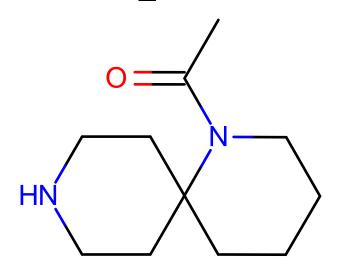
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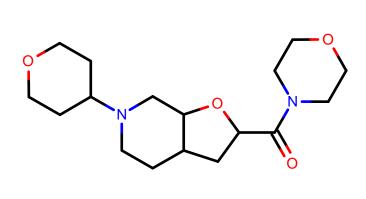
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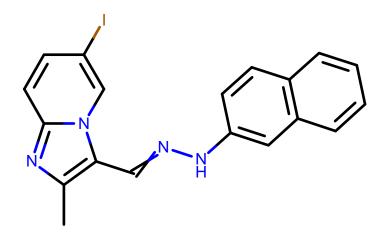




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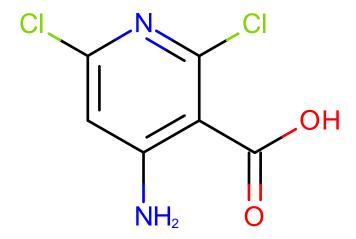


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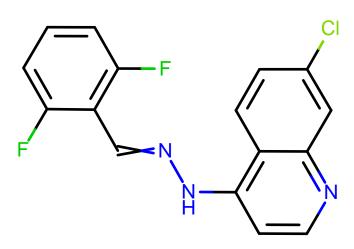
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full_3089



full_3096

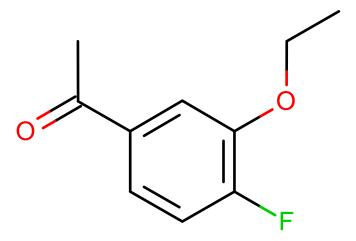
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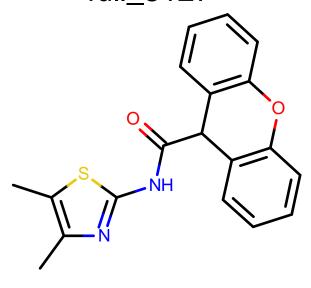


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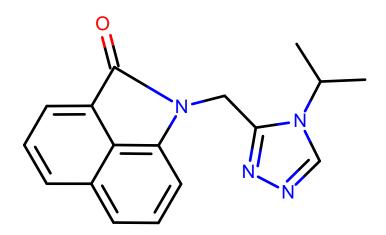
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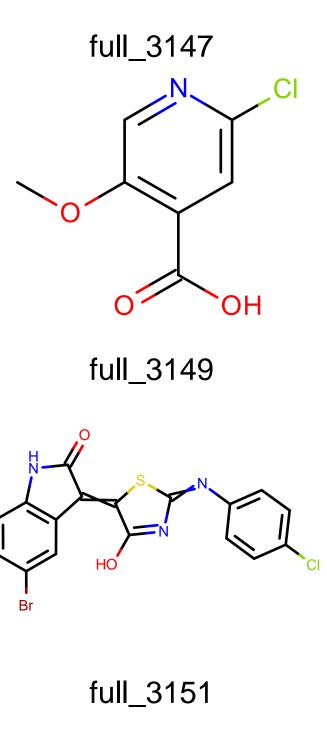
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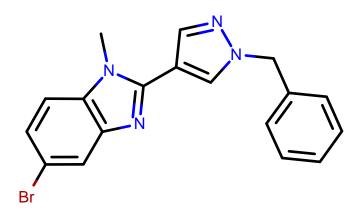
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$$H_2N$$
 $HO-N$

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full_3157



full_3167

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full_3172

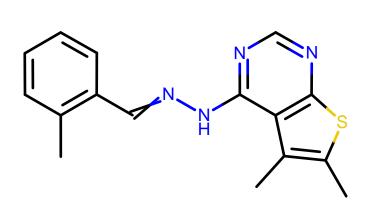
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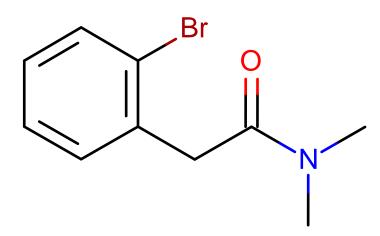
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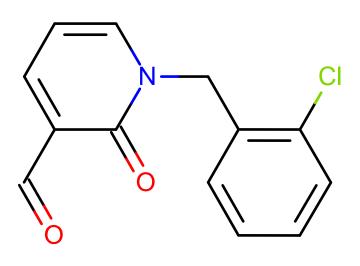


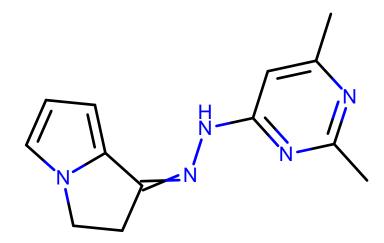
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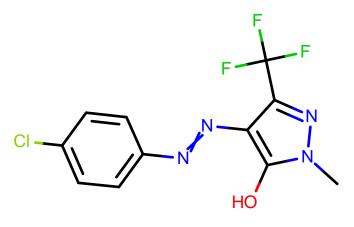
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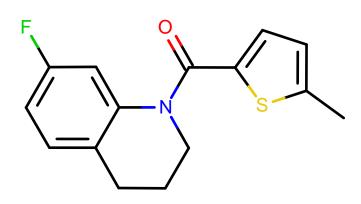




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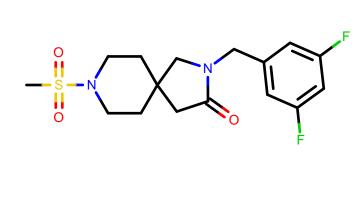


OH

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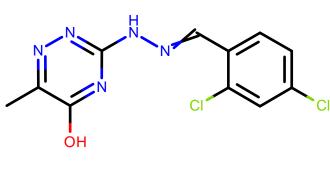


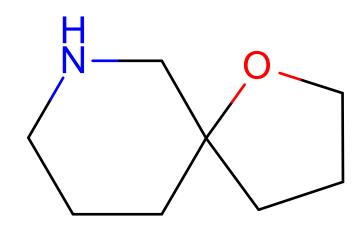
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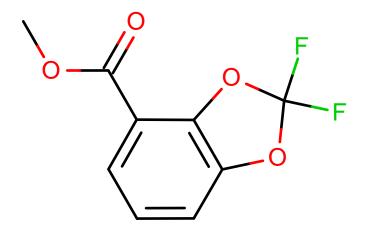
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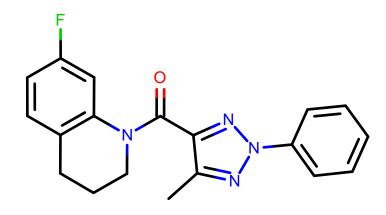
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$$H_2N$$

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full_3264



full_3273

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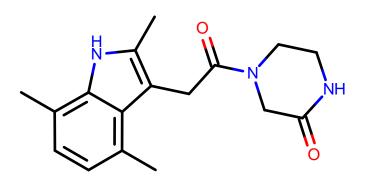
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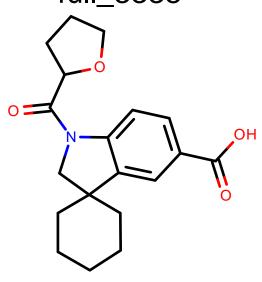
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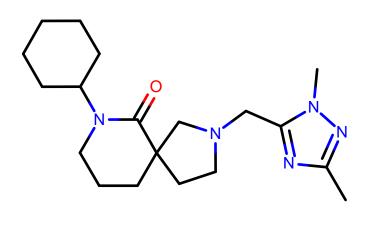
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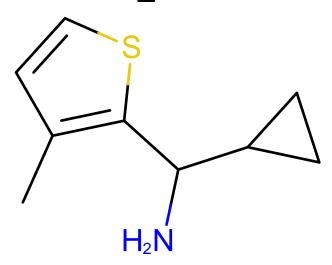
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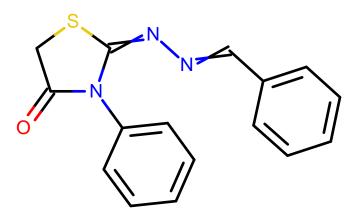
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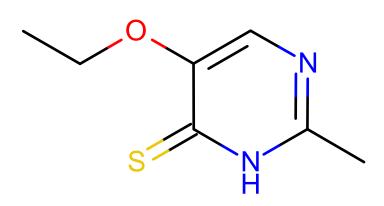
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full_3397

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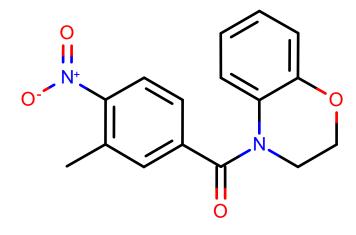
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full_3418

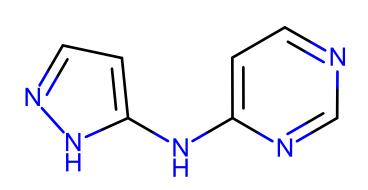
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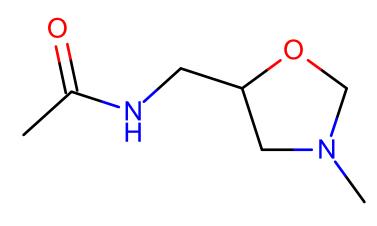
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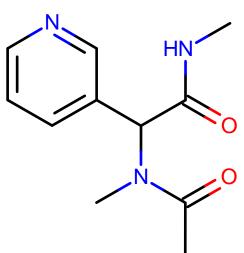
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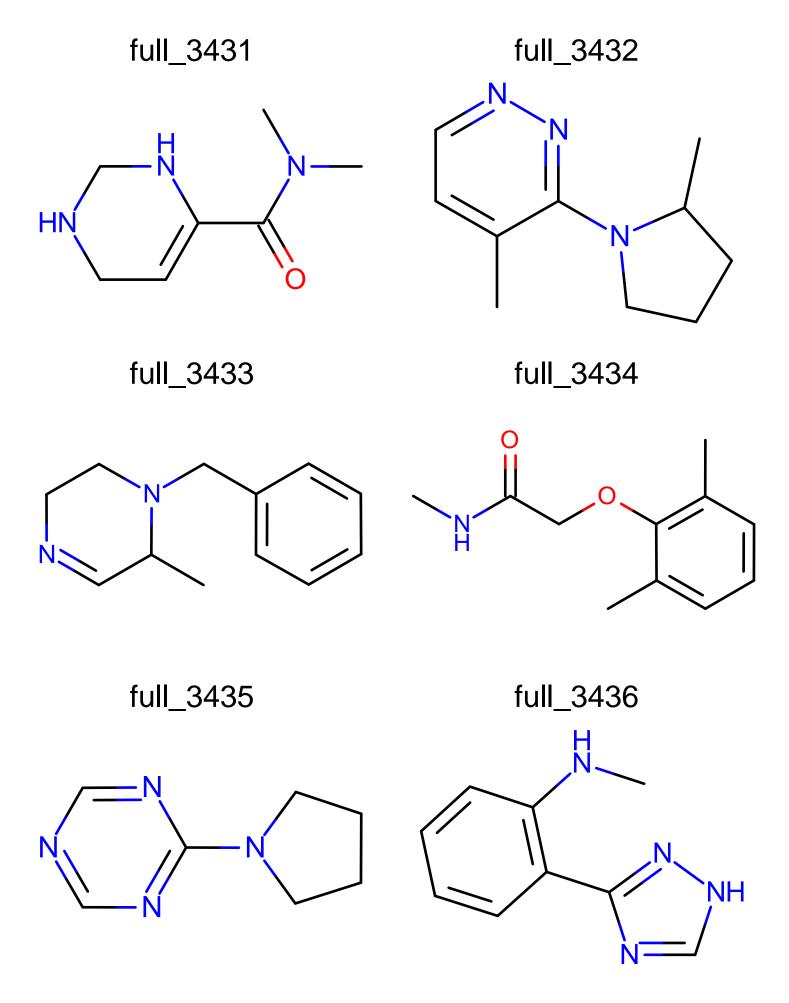
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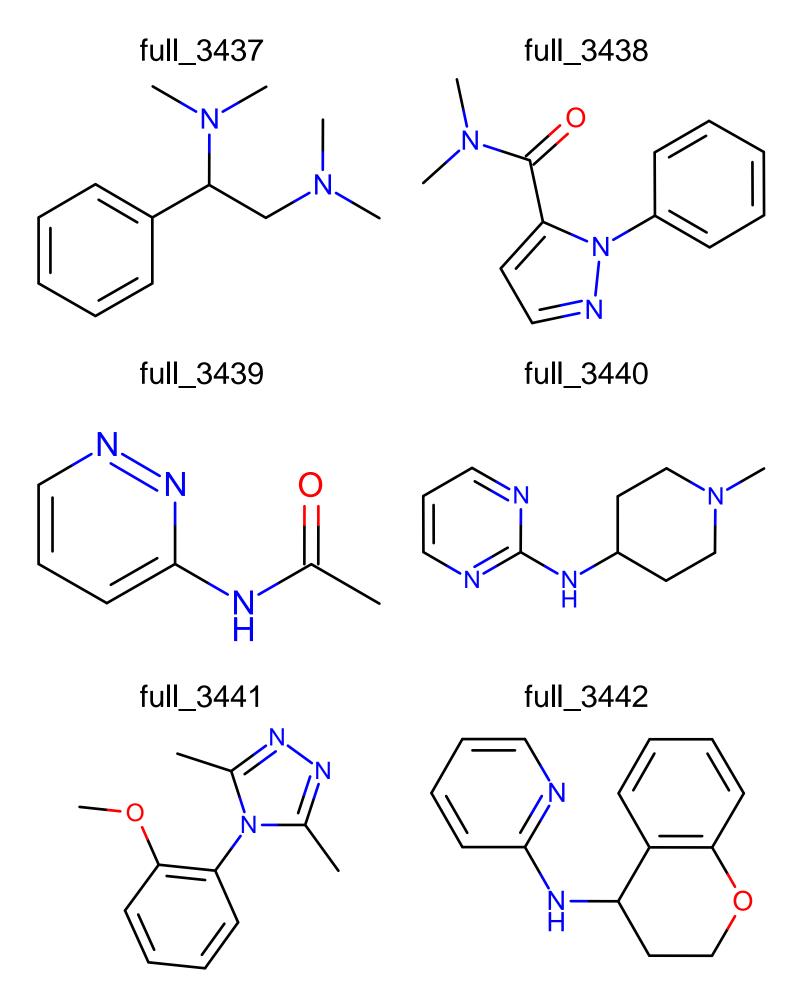


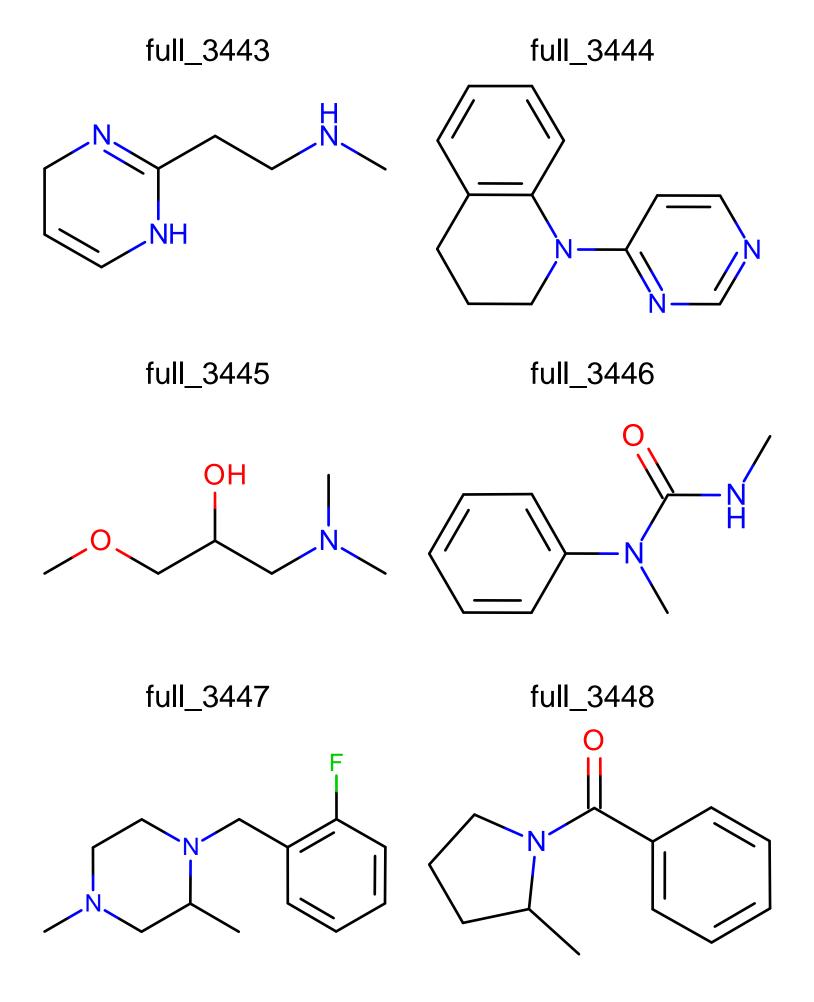


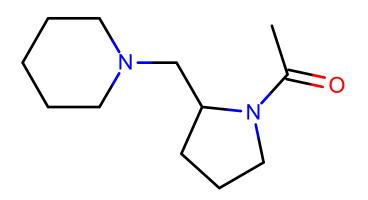


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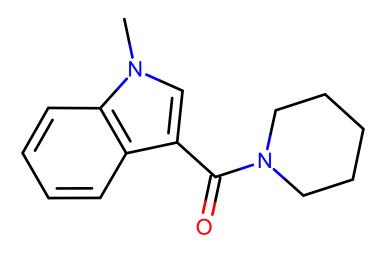


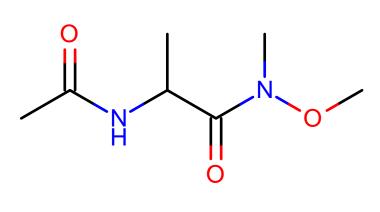




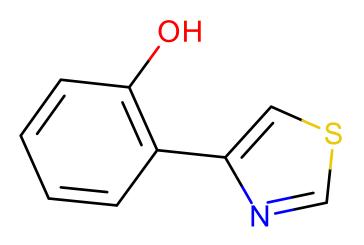


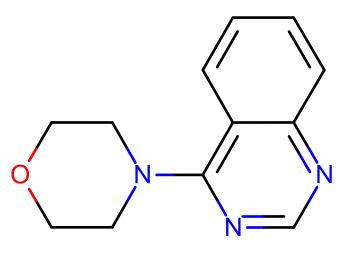
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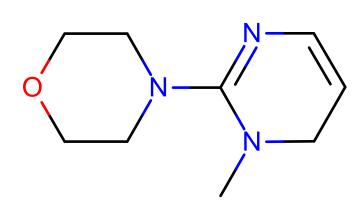
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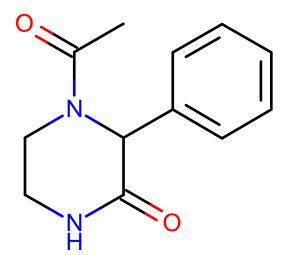


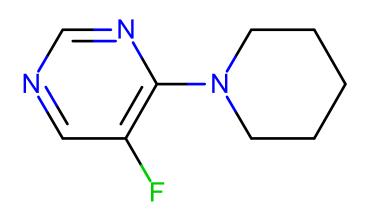


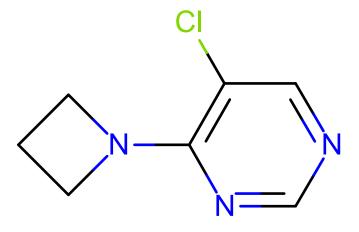
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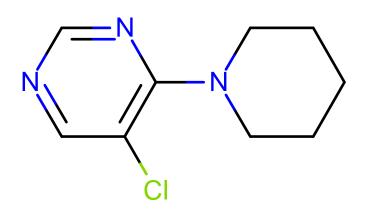




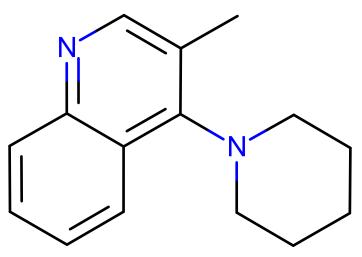


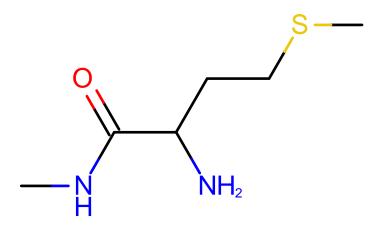
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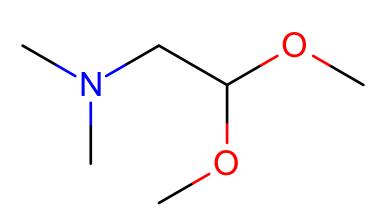


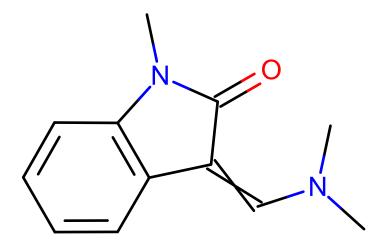


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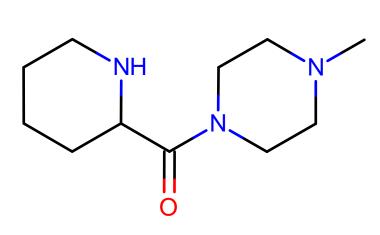
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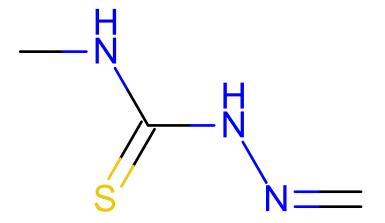
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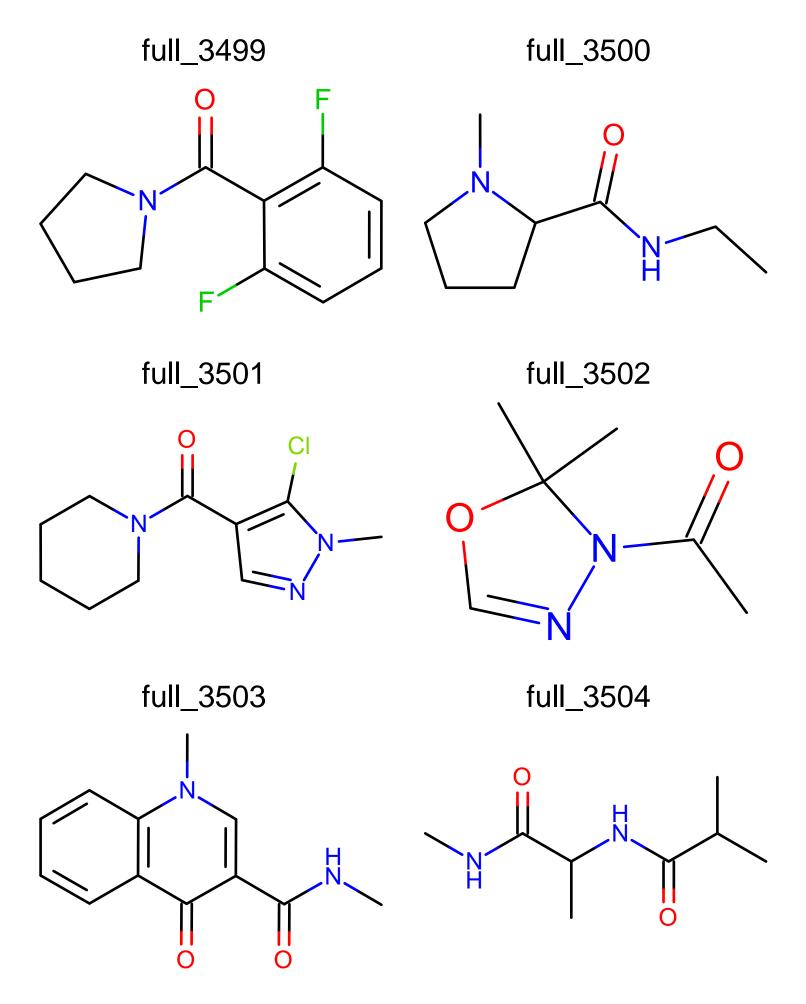


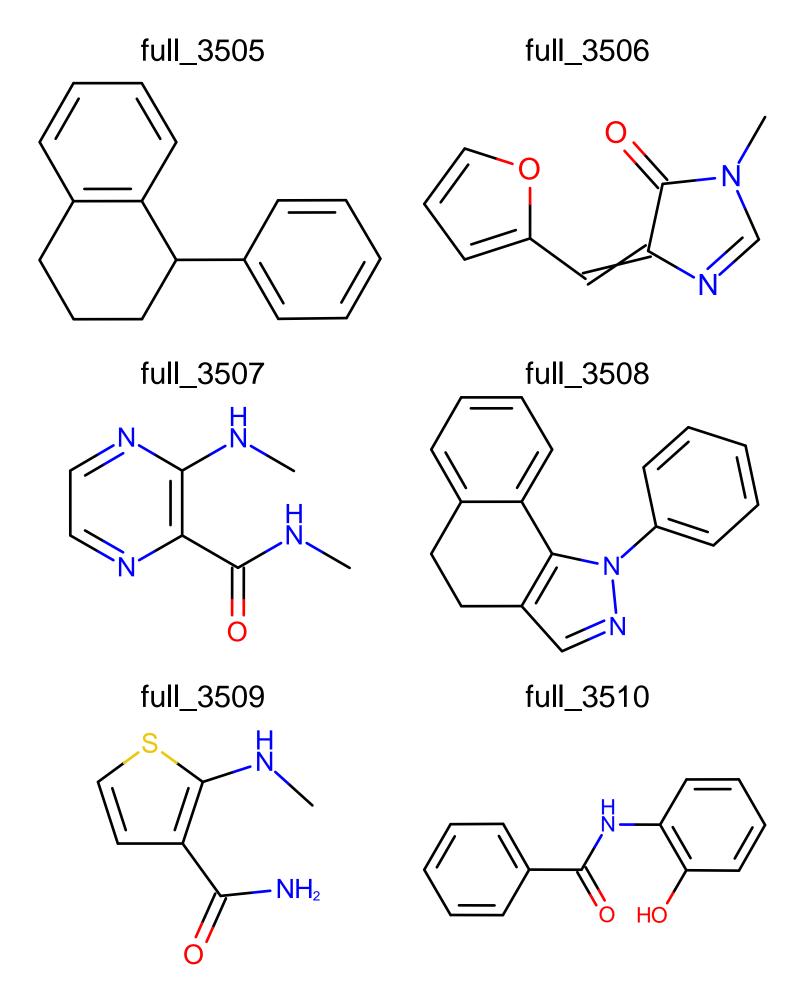


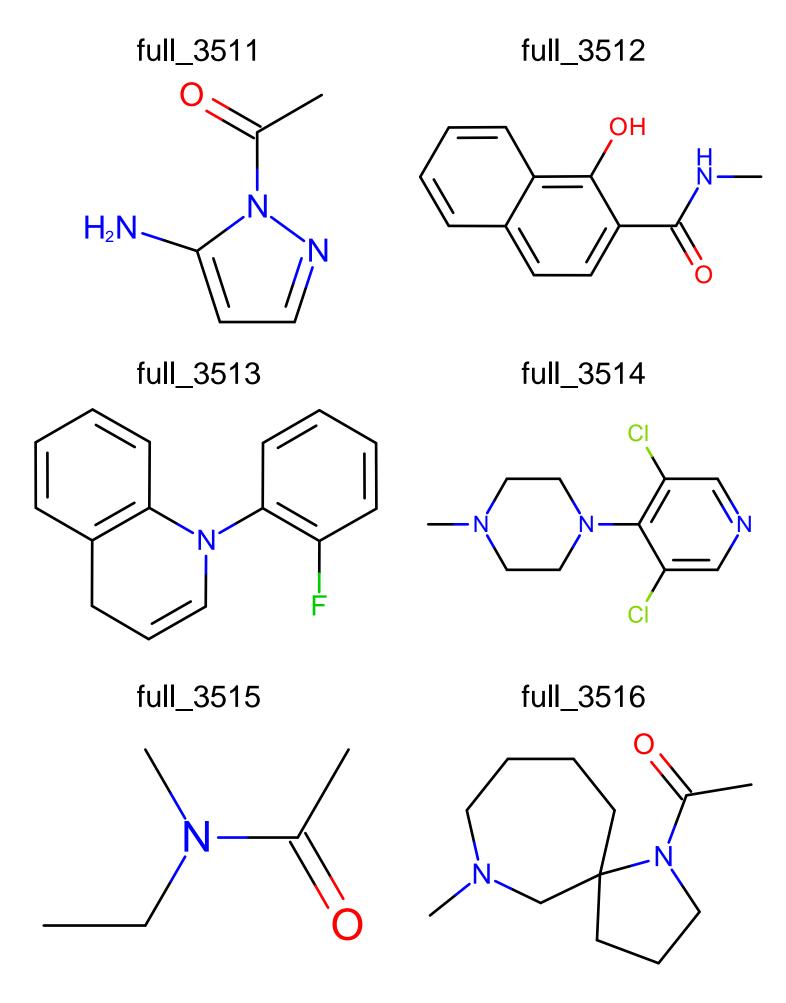
full_3498











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full_3525 full_3526

$$F$$
 NH_2
 OH
 OH

full_3531

full_3534

full_3544

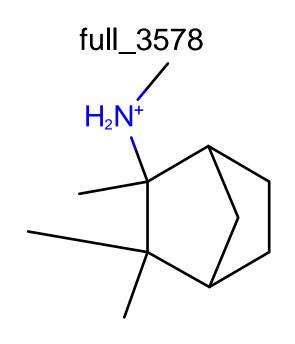
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full_3552

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full_3581

full_3583

full_3580

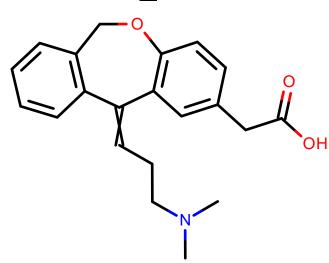
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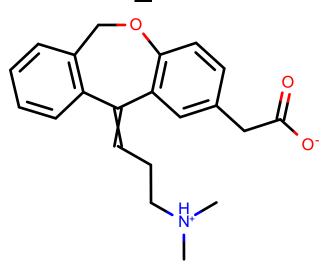
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full_3598



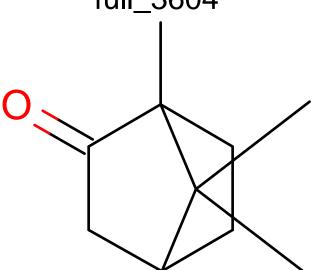


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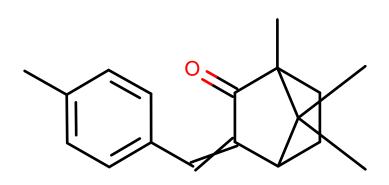
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$$H_2N$$



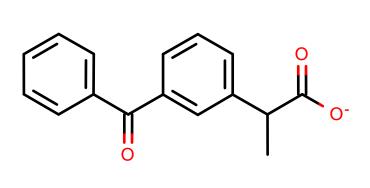
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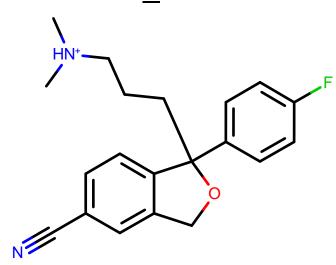


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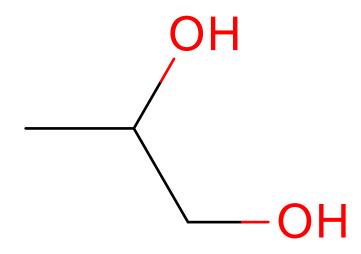
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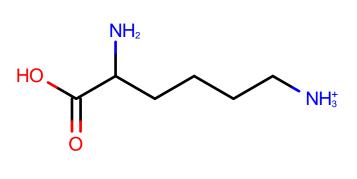
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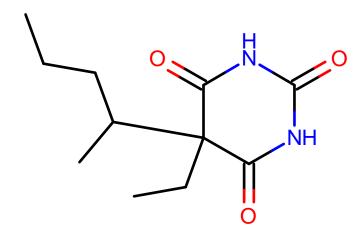
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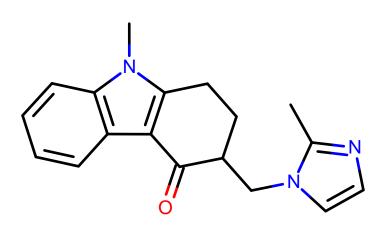


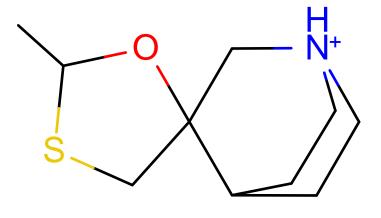
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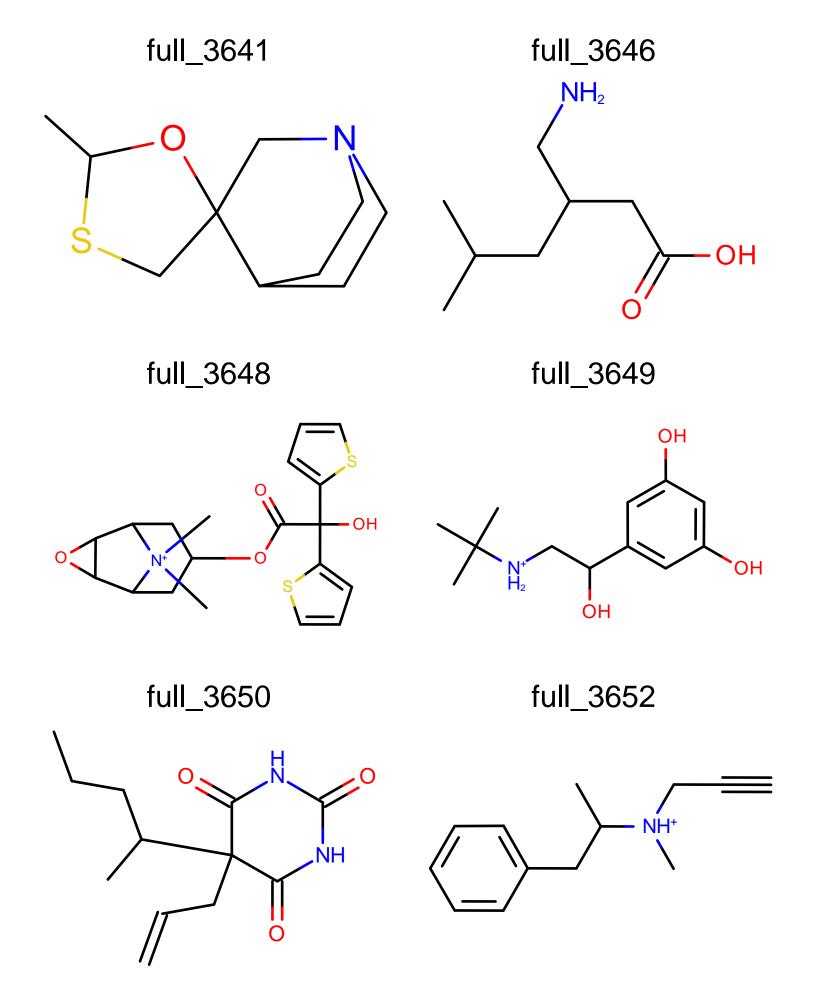
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full_3640







full_3658

$$H_2N$$
 NH_2^+
 NH_2^+

full_3662

$$H_2N$$
 NH_2
 OH
 NH_2

full_3664

full_3666

