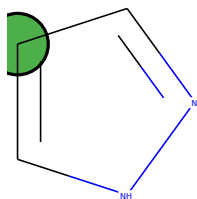
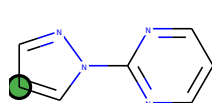


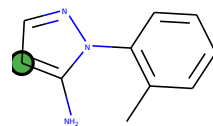
4 Pyrazoles



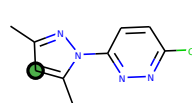
1 [313]
100% (NBS)



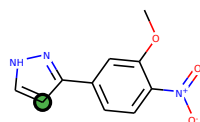
2 [393]
85% (Br₂)



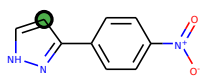
3 [49]
82% (Br₂)



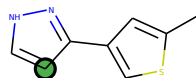
4 [397]
74% (SO₂Cl₂)



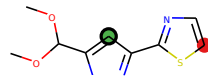
5 [12]
89% (NBS)



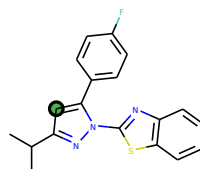
50 [13]
90% (NBS)



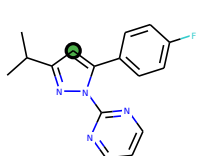
51 [388]
55% (NBS)



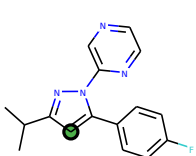
52 [219]
93% (Br₂, AcOH)



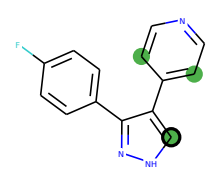
53 [345]
91% (NBS)



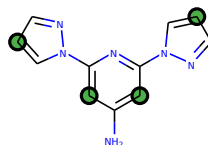
54 [345]
83% (NBS)



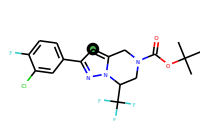
55 [345]
88% (NBS)



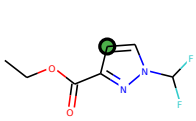
56 [255]
72% (NBS)



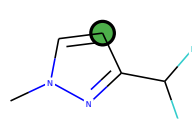
216 [103]
99% (I₂, 4xI)



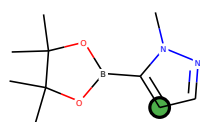
278 [407]
83% (NIS)



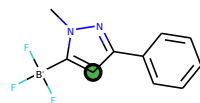
392 [85]
56% (NCS), 84% (NCS)



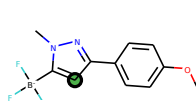
397 [459]
88% (NCS), 95% (NBS)



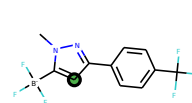
421 [127]
95% (NCS)



599 [178]
75% (NCS), 83% (NBS), 50% (NIS)



600 [178]
81% (NCS)



601 [178]
96% (NCS)