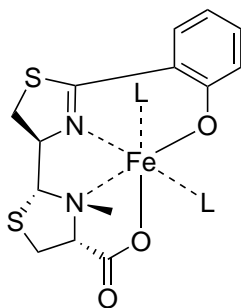
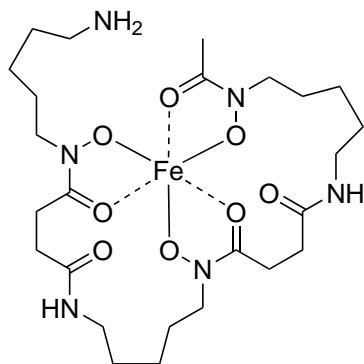


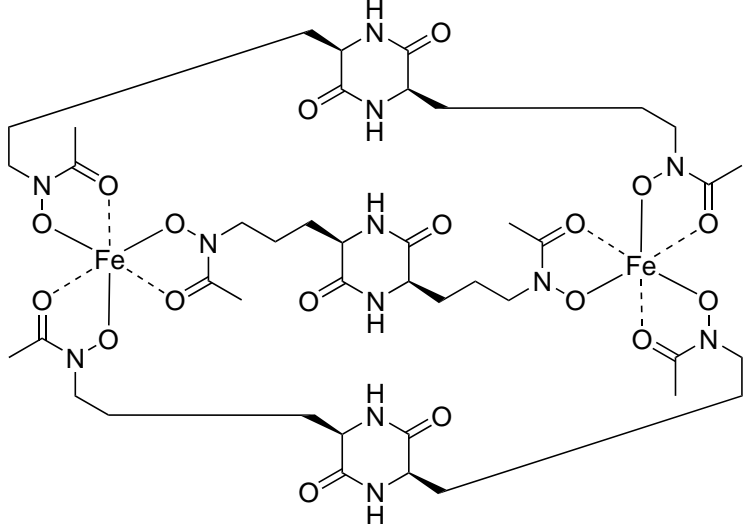
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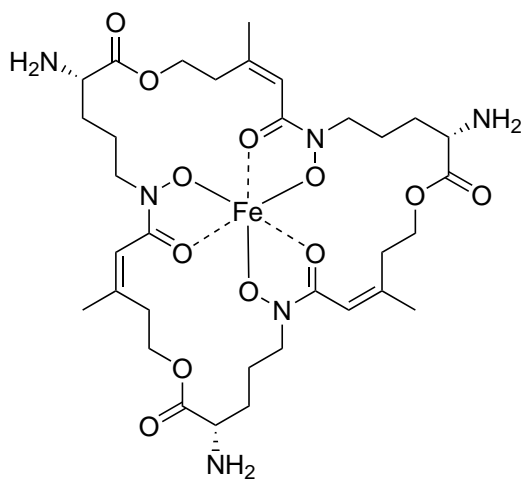
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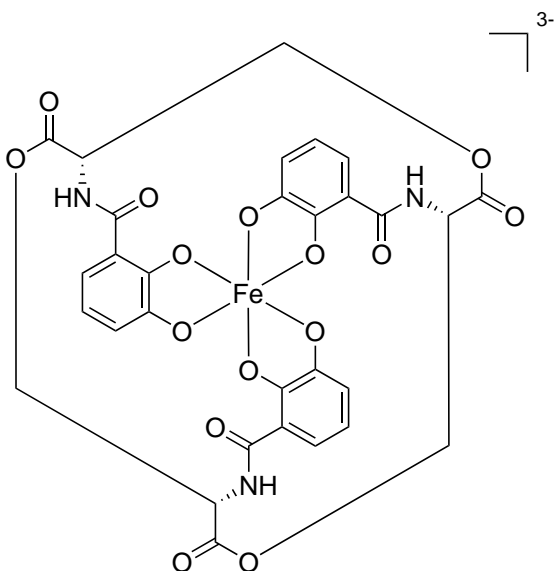
Deferoxamine B
1



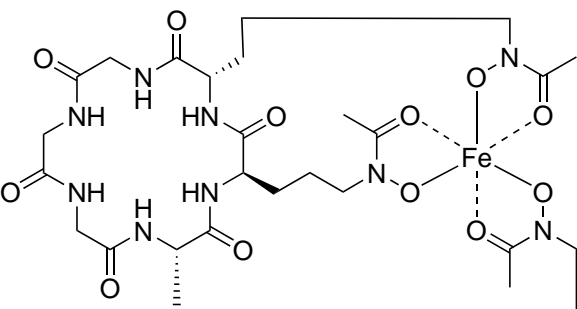
Rhodotorulic acid
2



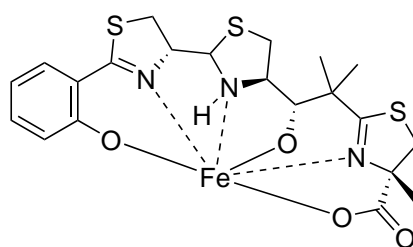
Fusarinine C
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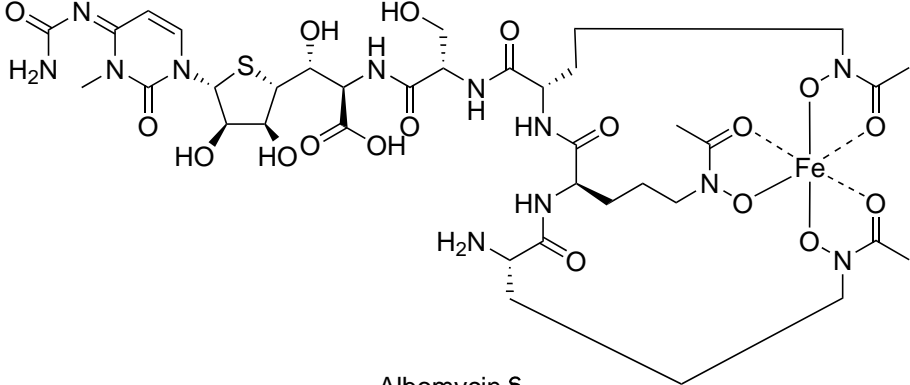
Enterobactin
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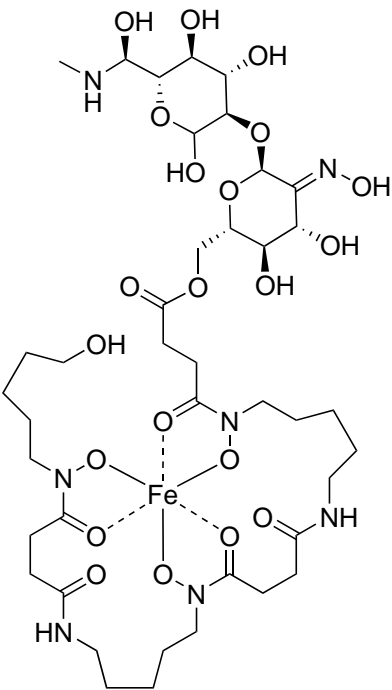
Ferrichrome
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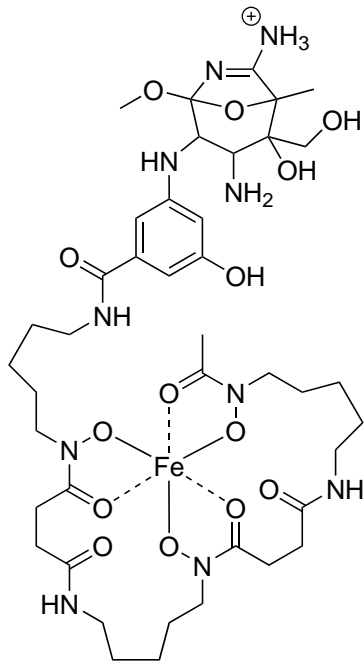
Yersiniabactin
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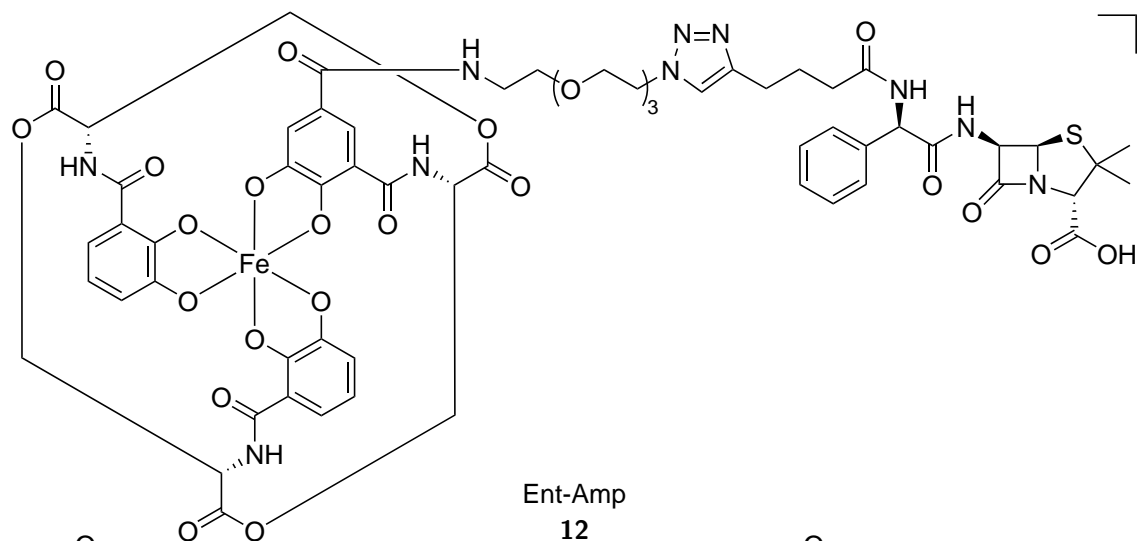
Albomycin δ_2
9



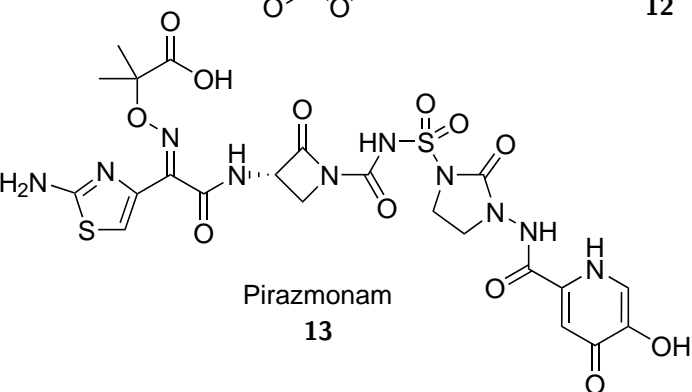
Salmycin A
10



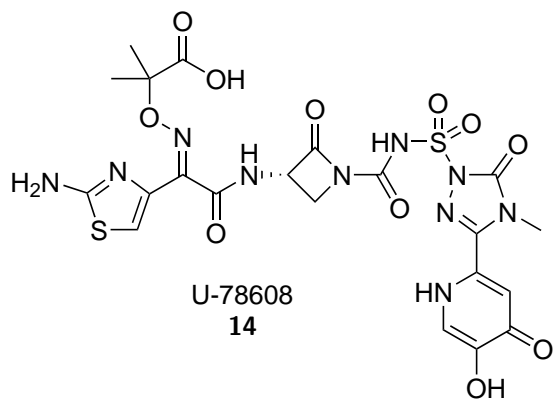
Ferrimycin A1
11



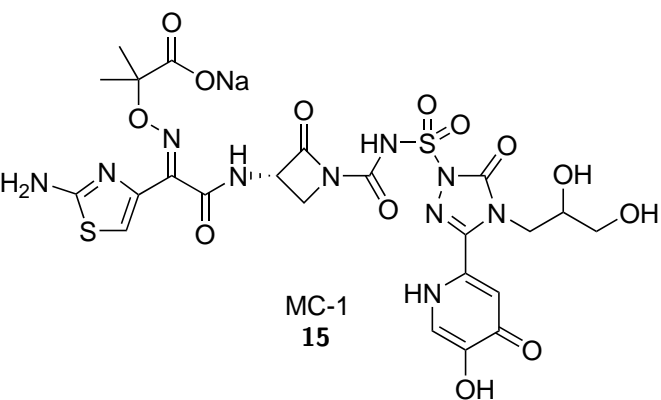
Ent-Amp
12



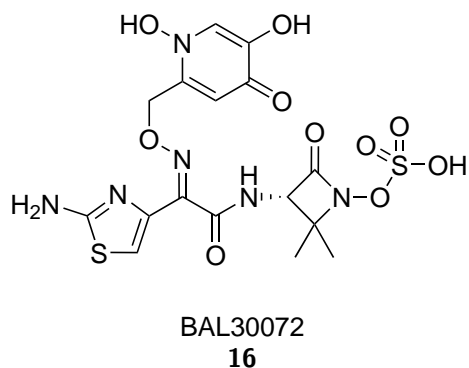
Pirazmonam
13



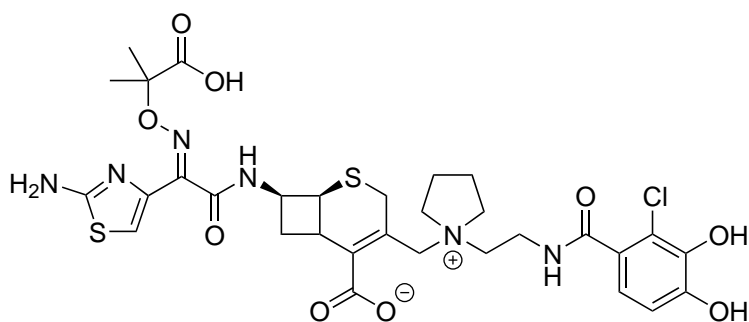
U-78608
14



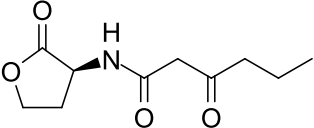
MC-1
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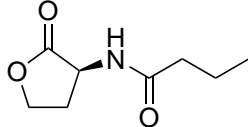


BAL30072
16

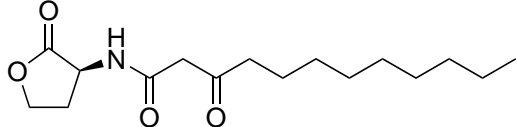


Cefiderocol
17

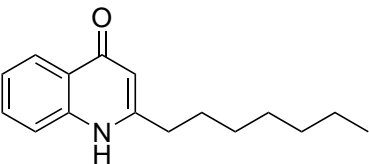




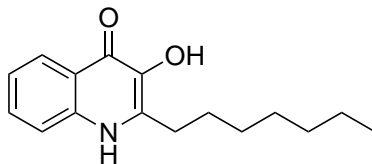
C₄-HSL
19



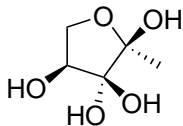
3-oxo-C₁₂-HSL
20



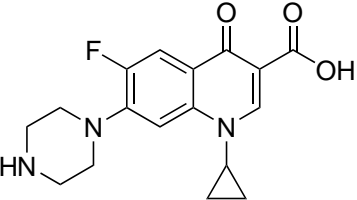
HHQ
21



PQS
22

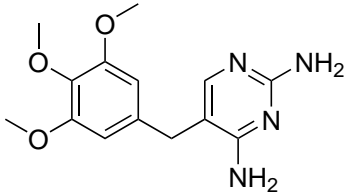


AI-2
23



Ciprofloxacin

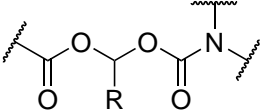
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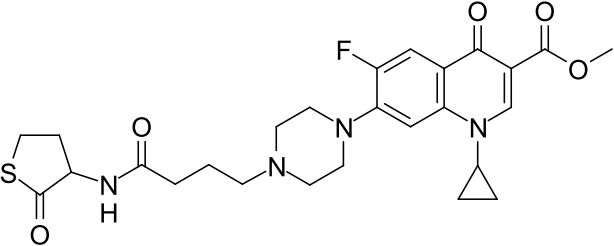


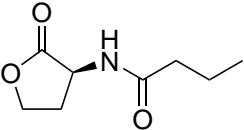
Trimethoprim

25



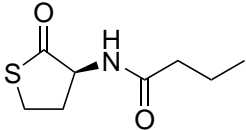






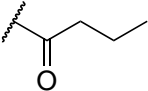
C₄-HSL

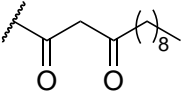
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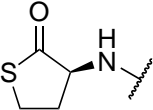


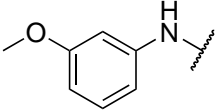
C₄-HCTL

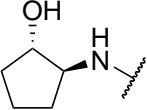
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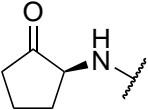


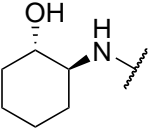


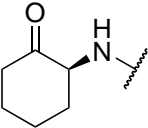


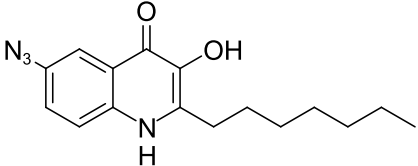
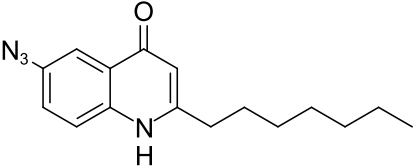


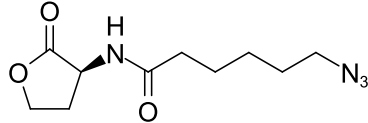
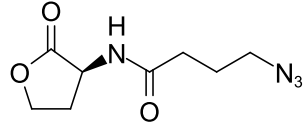
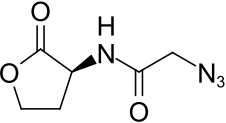


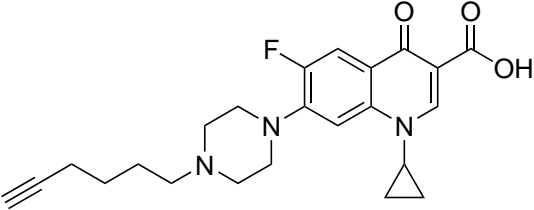




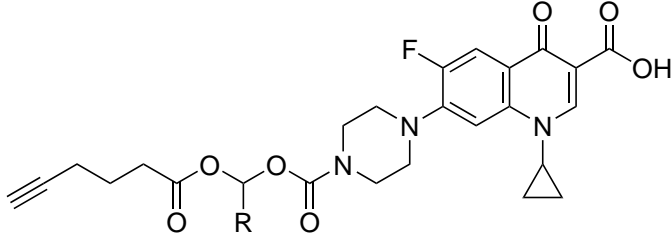






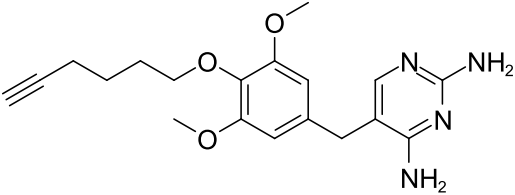


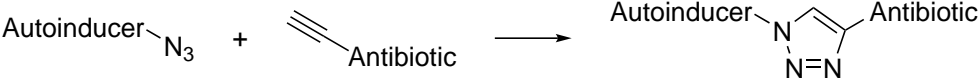
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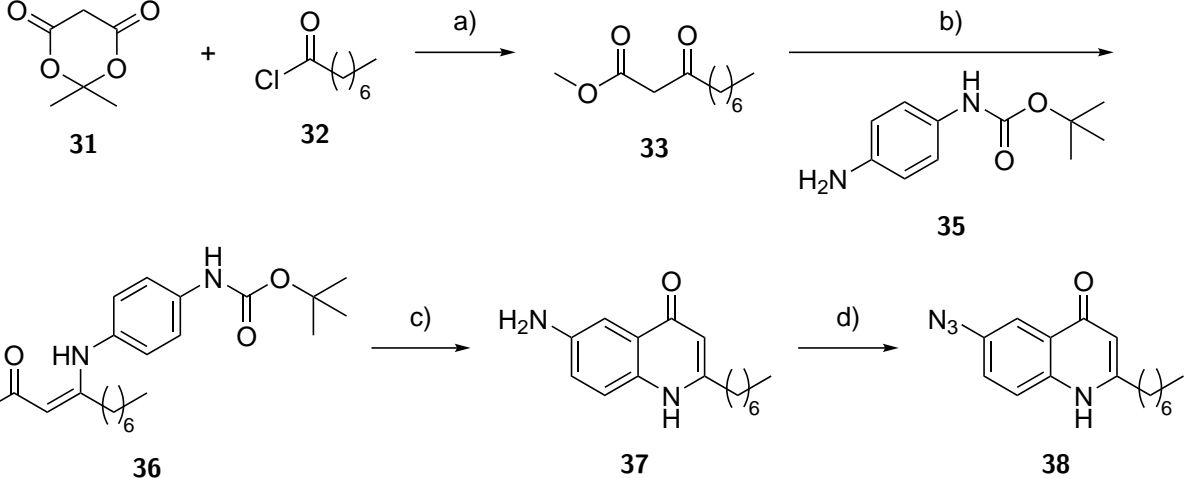


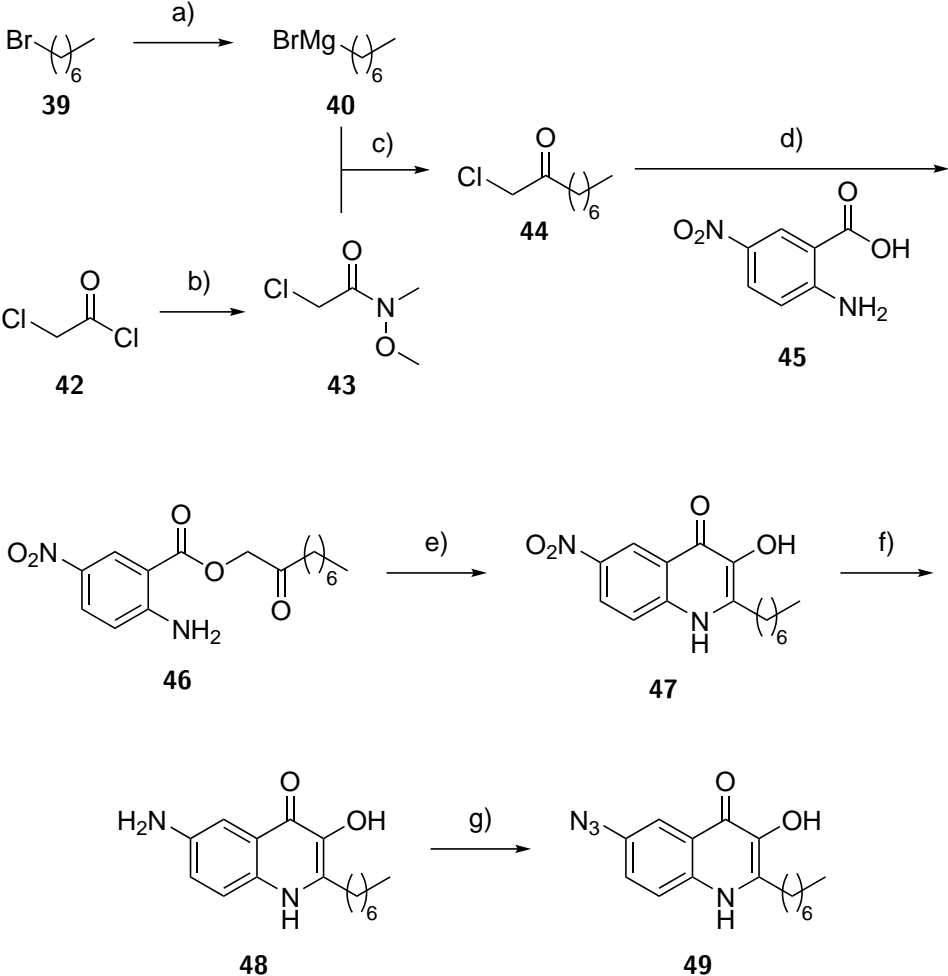
R = H 90

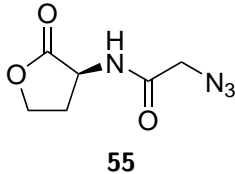
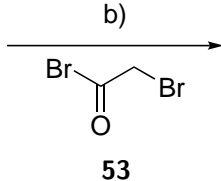
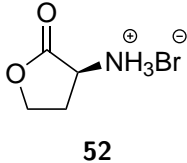
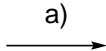
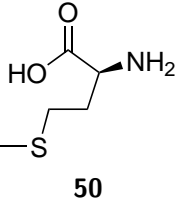
R = Me 91

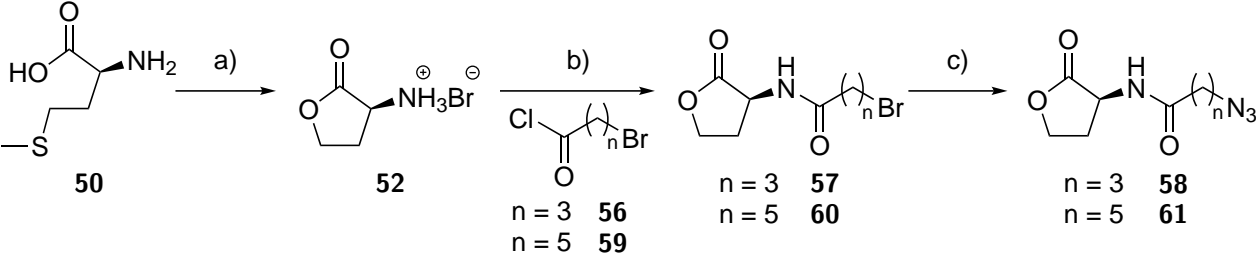


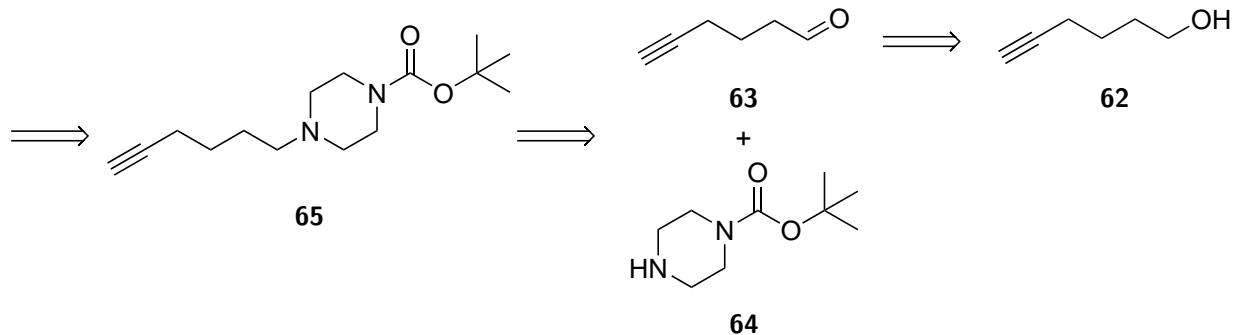
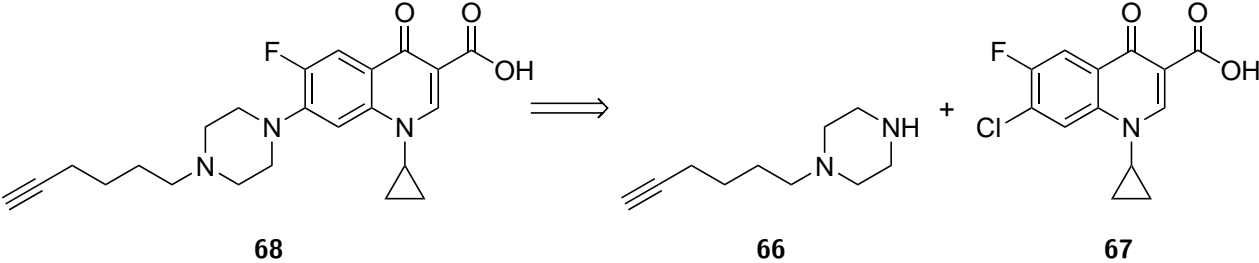


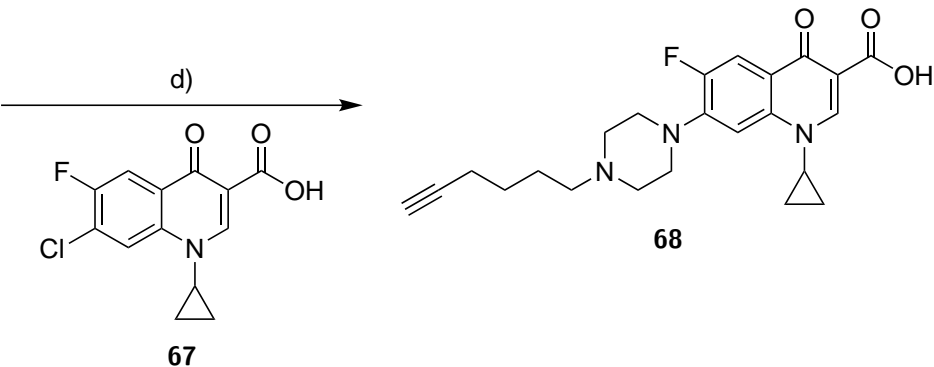
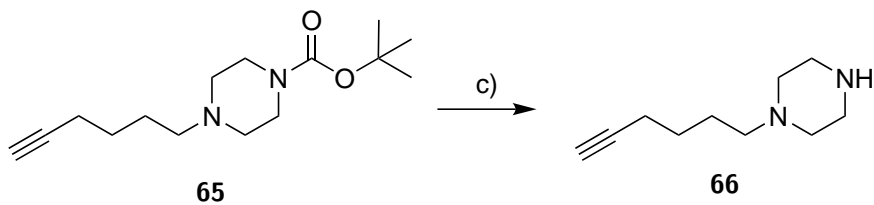
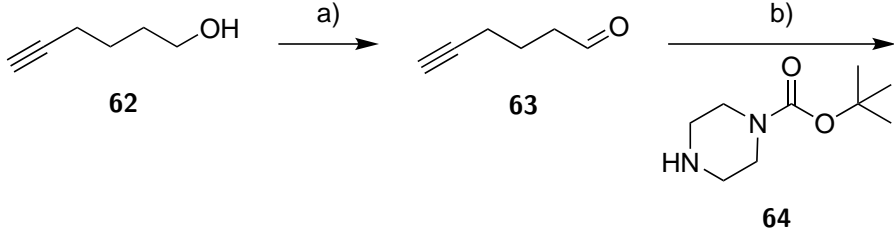


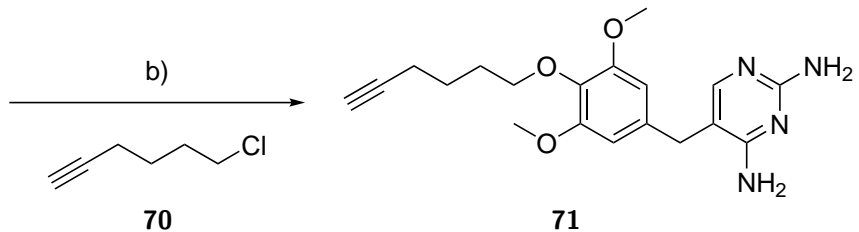
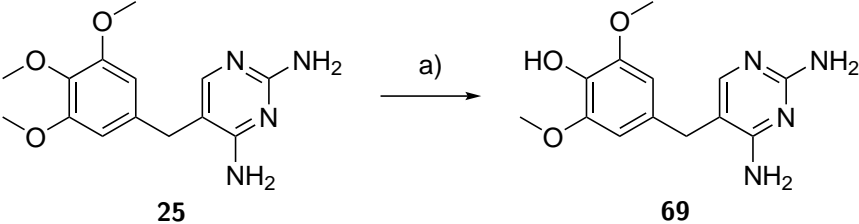


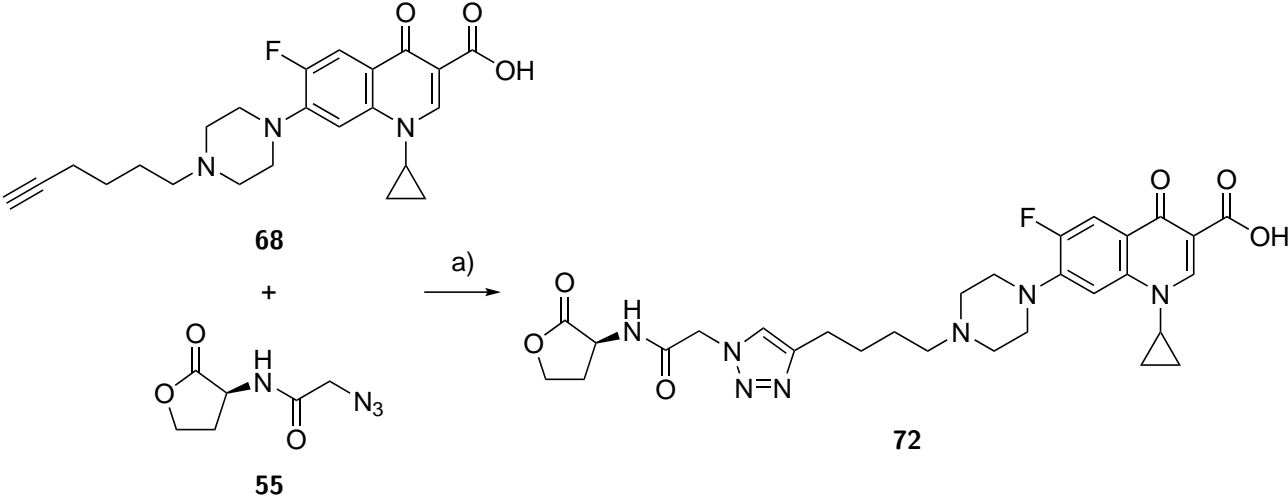


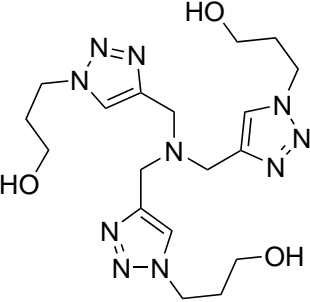


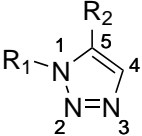
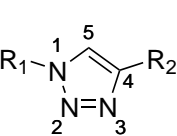


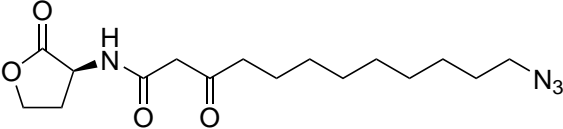




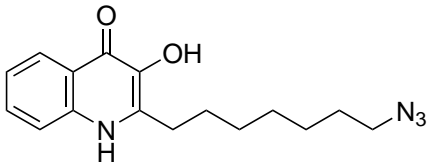




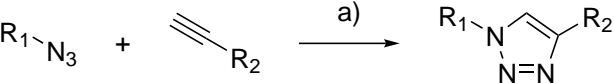


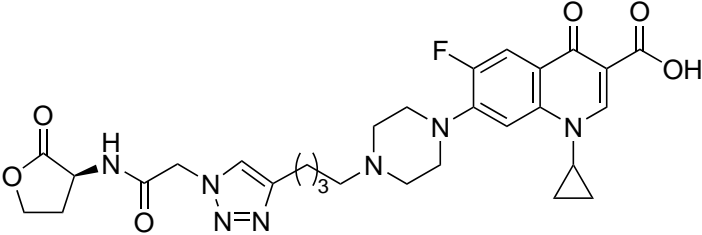


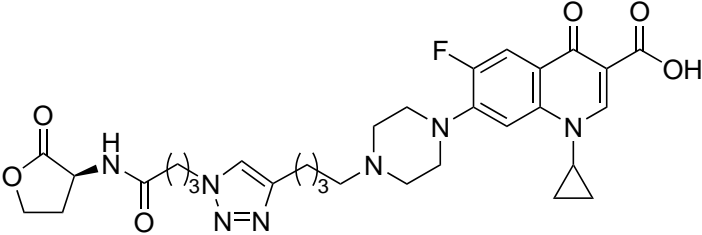
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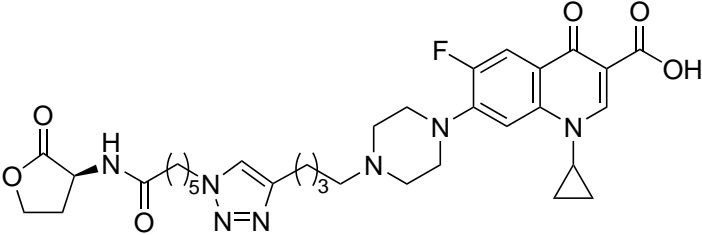


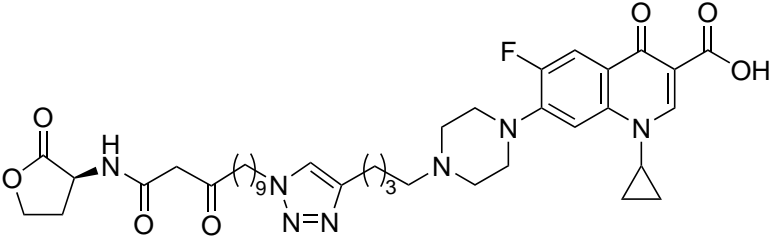
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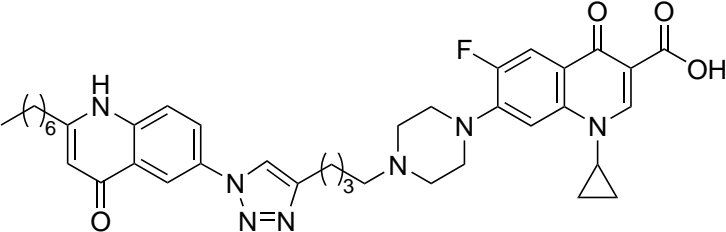


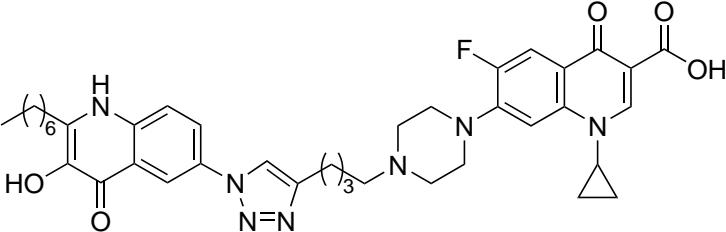


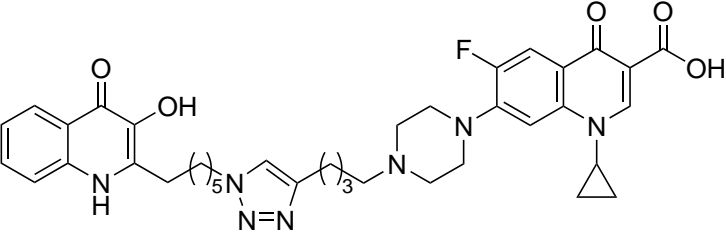


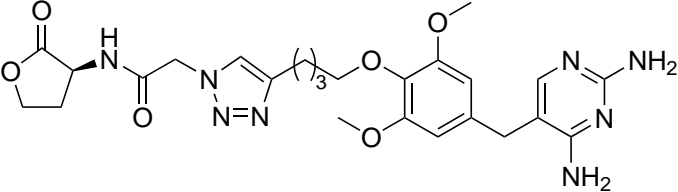


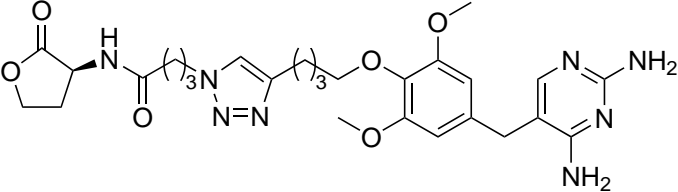


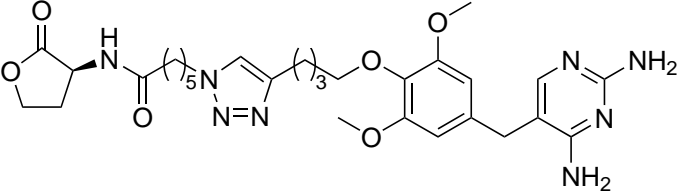


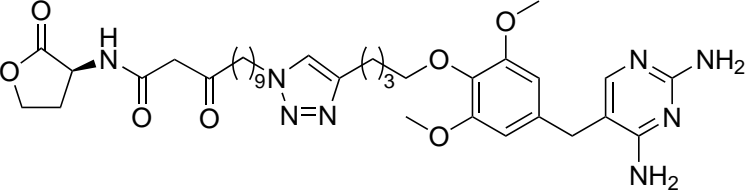


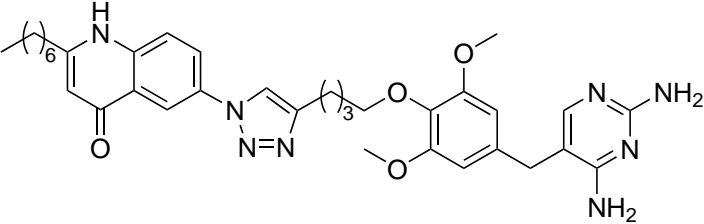


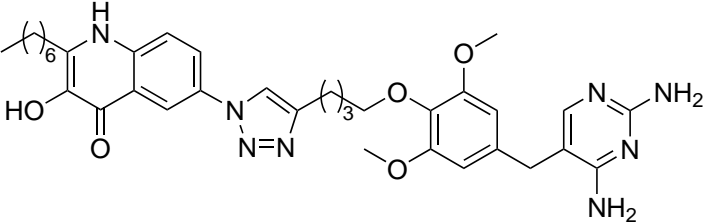


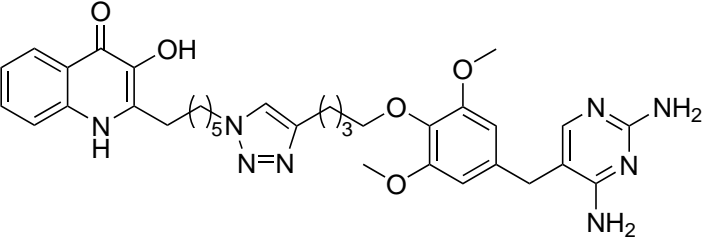


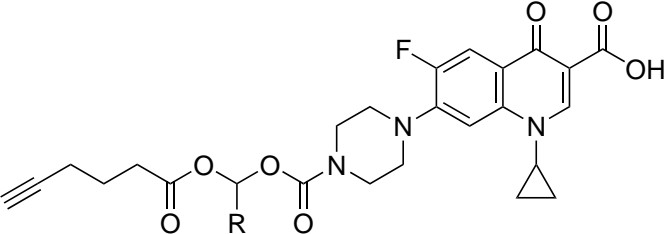






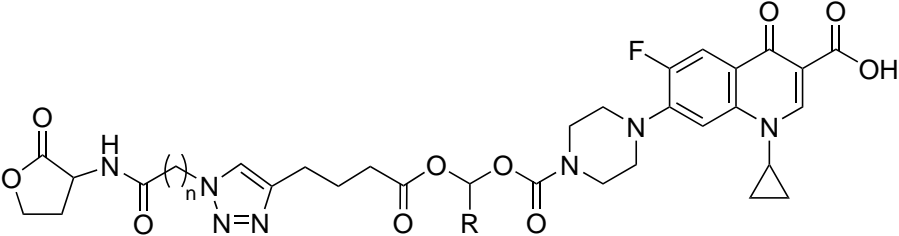






$R = H$ **90**

$R = Me$ **91**



$n = 1, \text{R} = \text{H}$ **92**

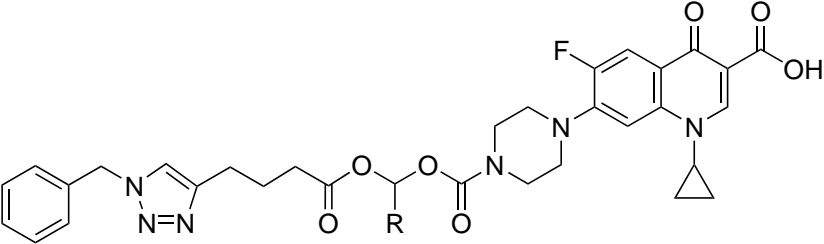
$n = 3, \text{R} = \text{H}$ **93**

$n = 5, \text{R} = \text{H}$ **94**

$n = 1, \text{R} = \text{Me}$ **95**

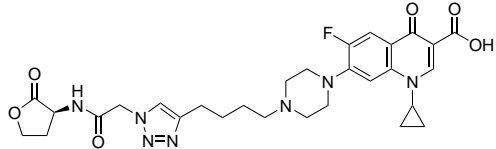
$n = 3, \text{R} = \text{Me}$ **96**

$n = 5, \text{R} = \text{Me}$ **97**

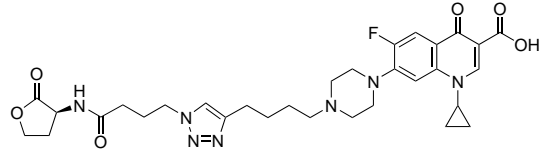


$\text{R} = \text{H}$ **98**

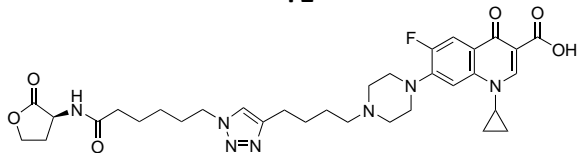
$\text{R} = \text{Me}$ **99**



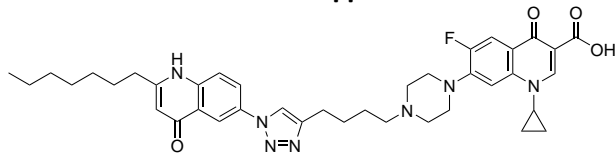
72



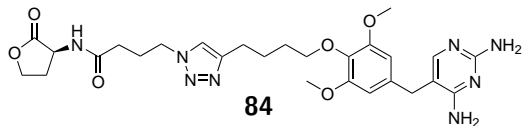
77



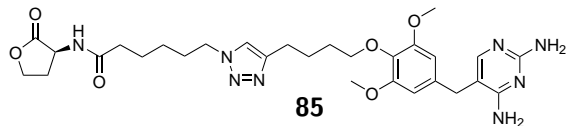
78



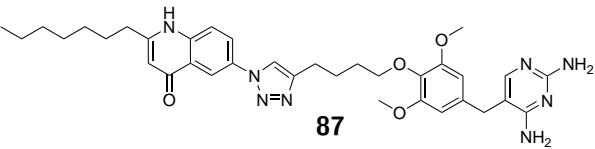
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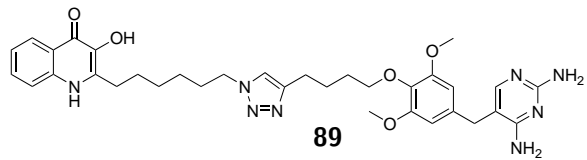
84



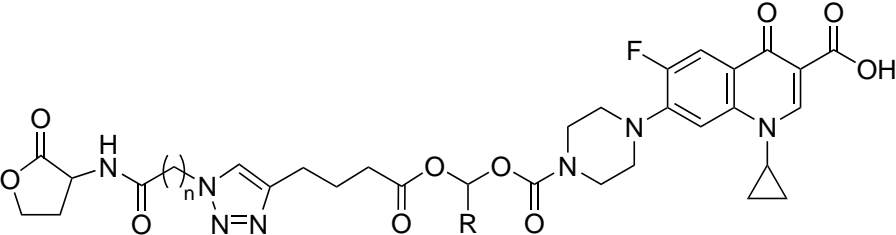
85



87



89



$n = 1$, $R = H$ **92**

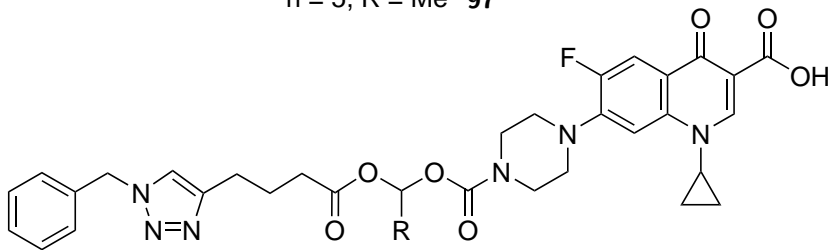
$n = 3$, $R = H$ **93**

$n = 5$, $R = H$ **94**

$n = 1$, $R = Me$ **95**

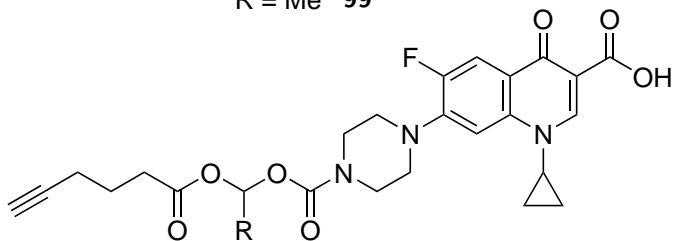
$n = 3$, $R = Me$ **96**

$n = 5$, $R = Me$ **97**



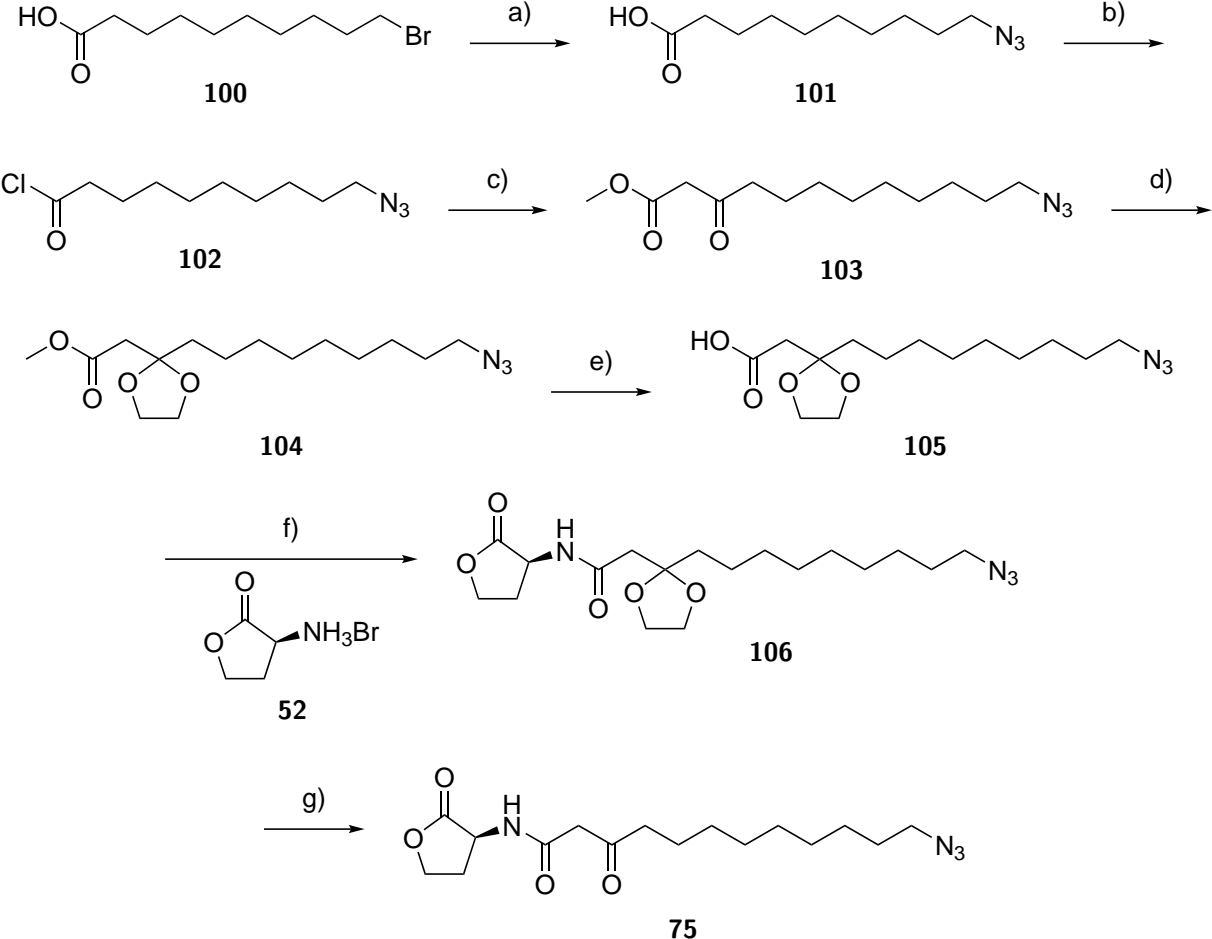
$R = H$ **98**

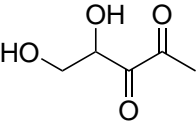
$R = Me$ **99**



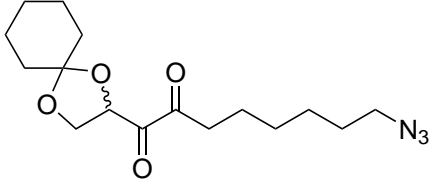
$R = H$ **90**

$R = Me$ **91**

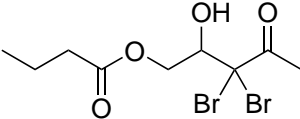




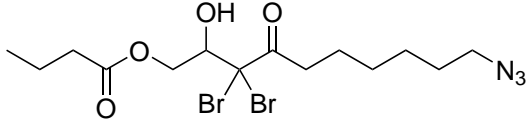
Al-2
23



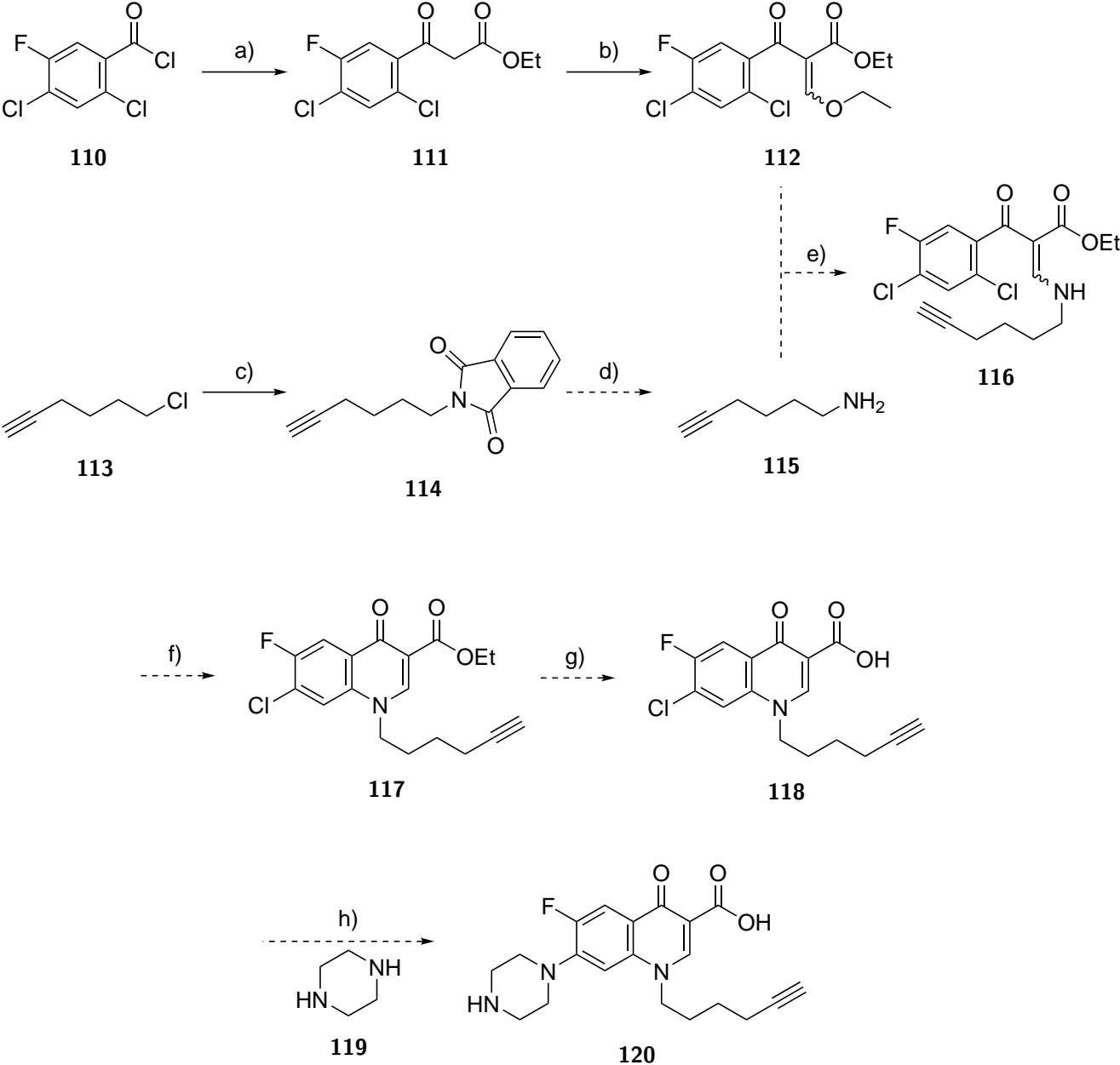
107

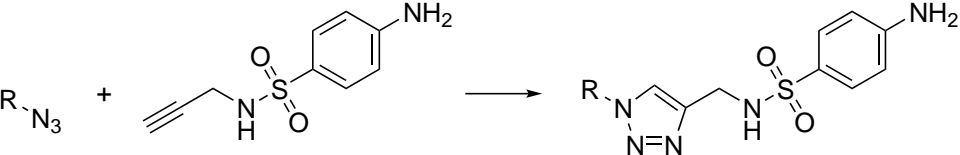


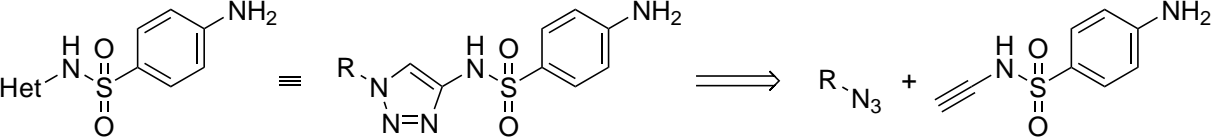
108

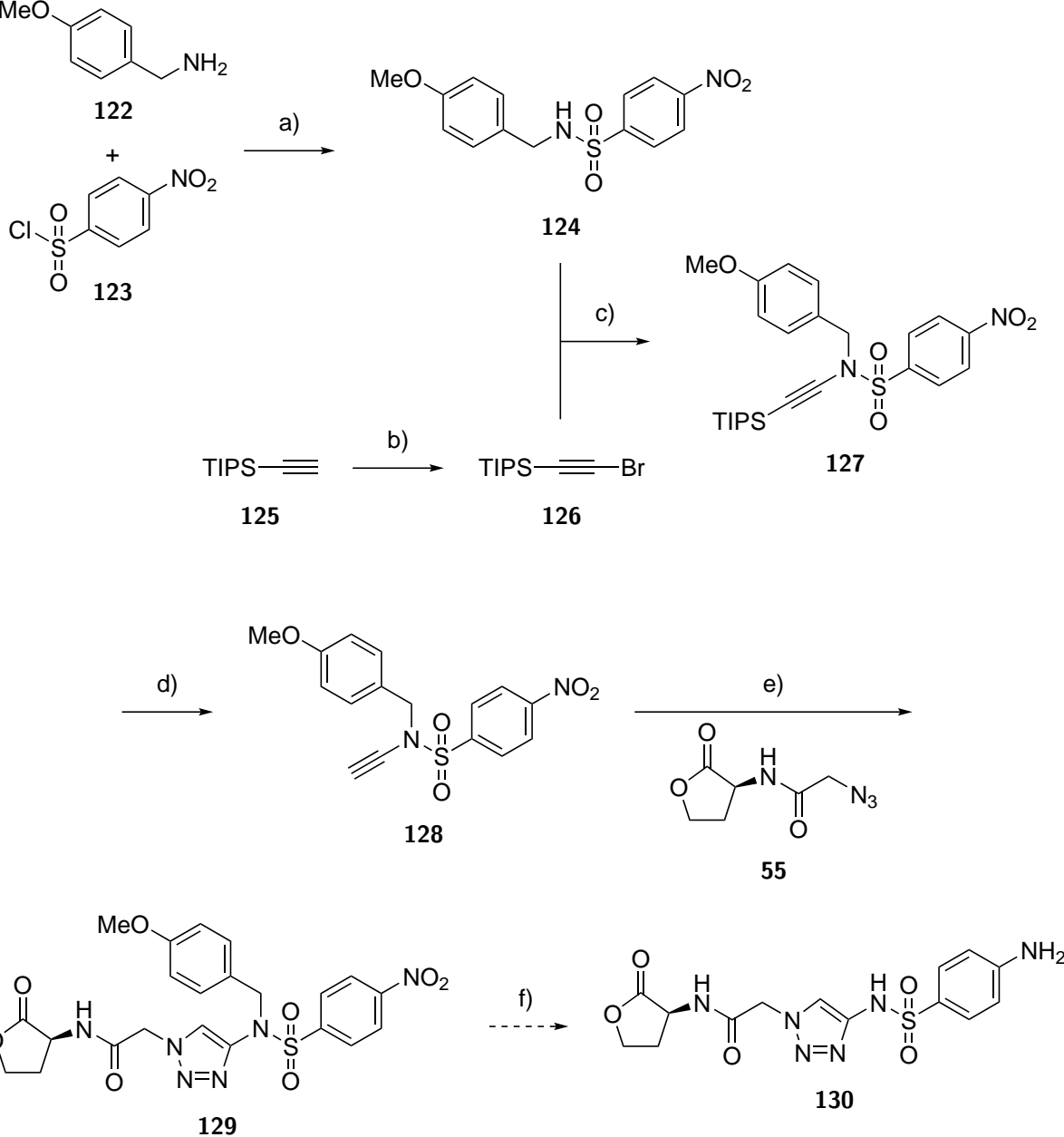


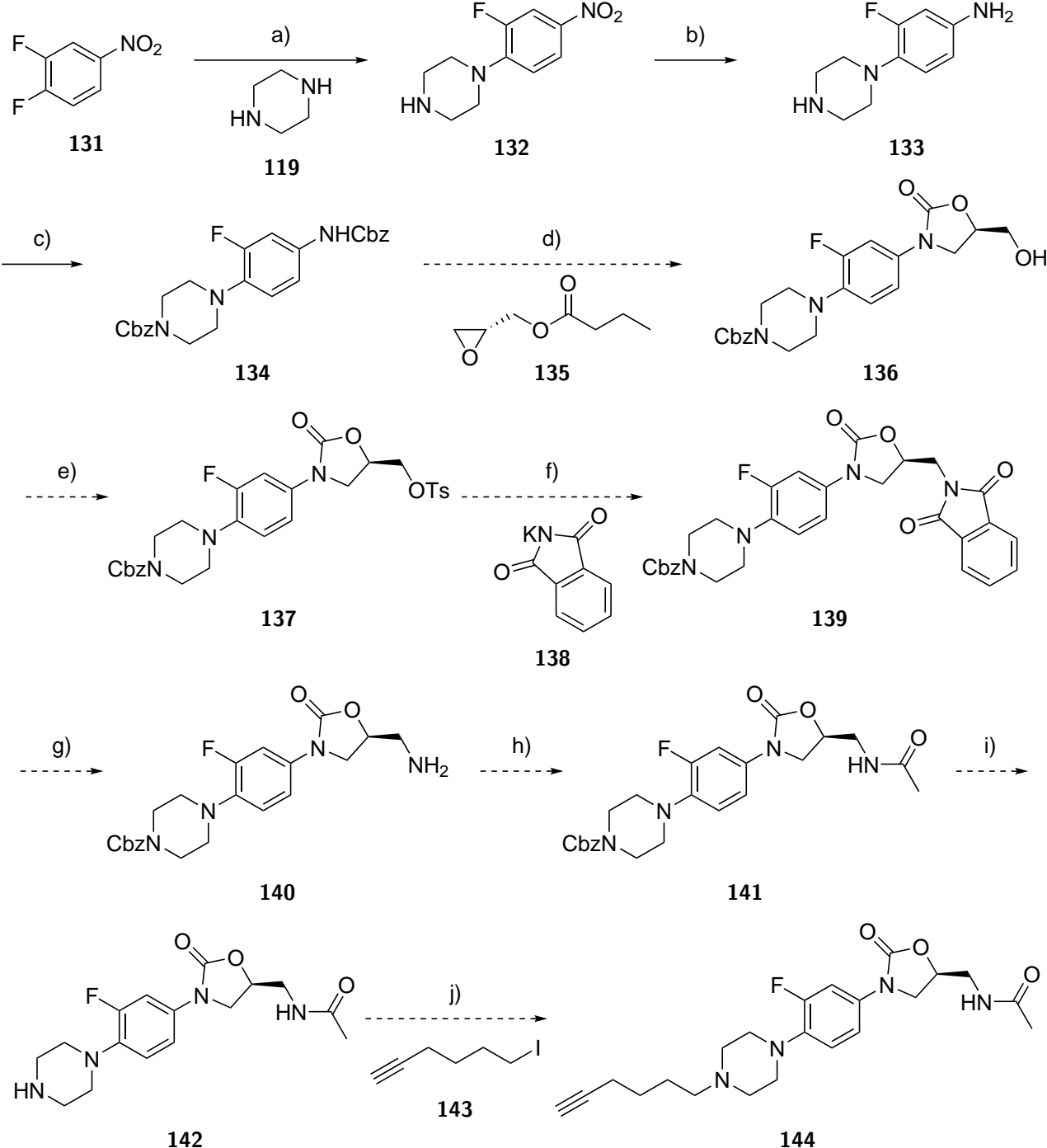
109

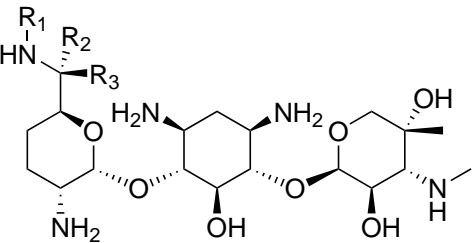




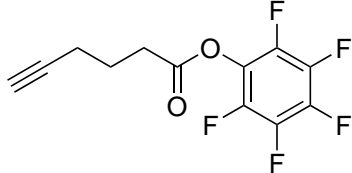






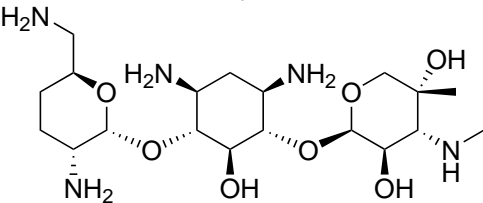


Gentamicin	R_1	R_2	R_3
C1	Me	Me	H
C1a	H	H	H
C2	H	Me	H
C2a	H	H	Me
C2b	Me	H	H

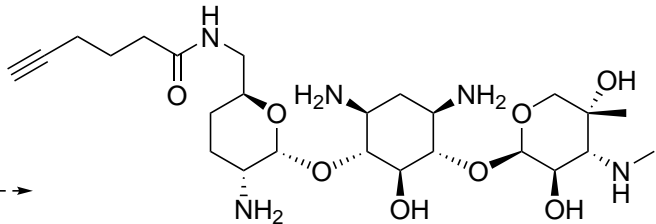
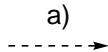


145

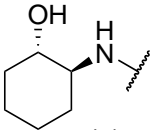
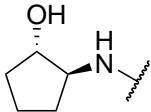
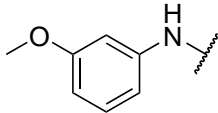
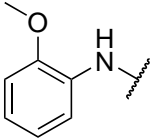
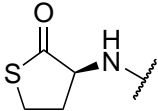
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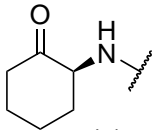
146



147

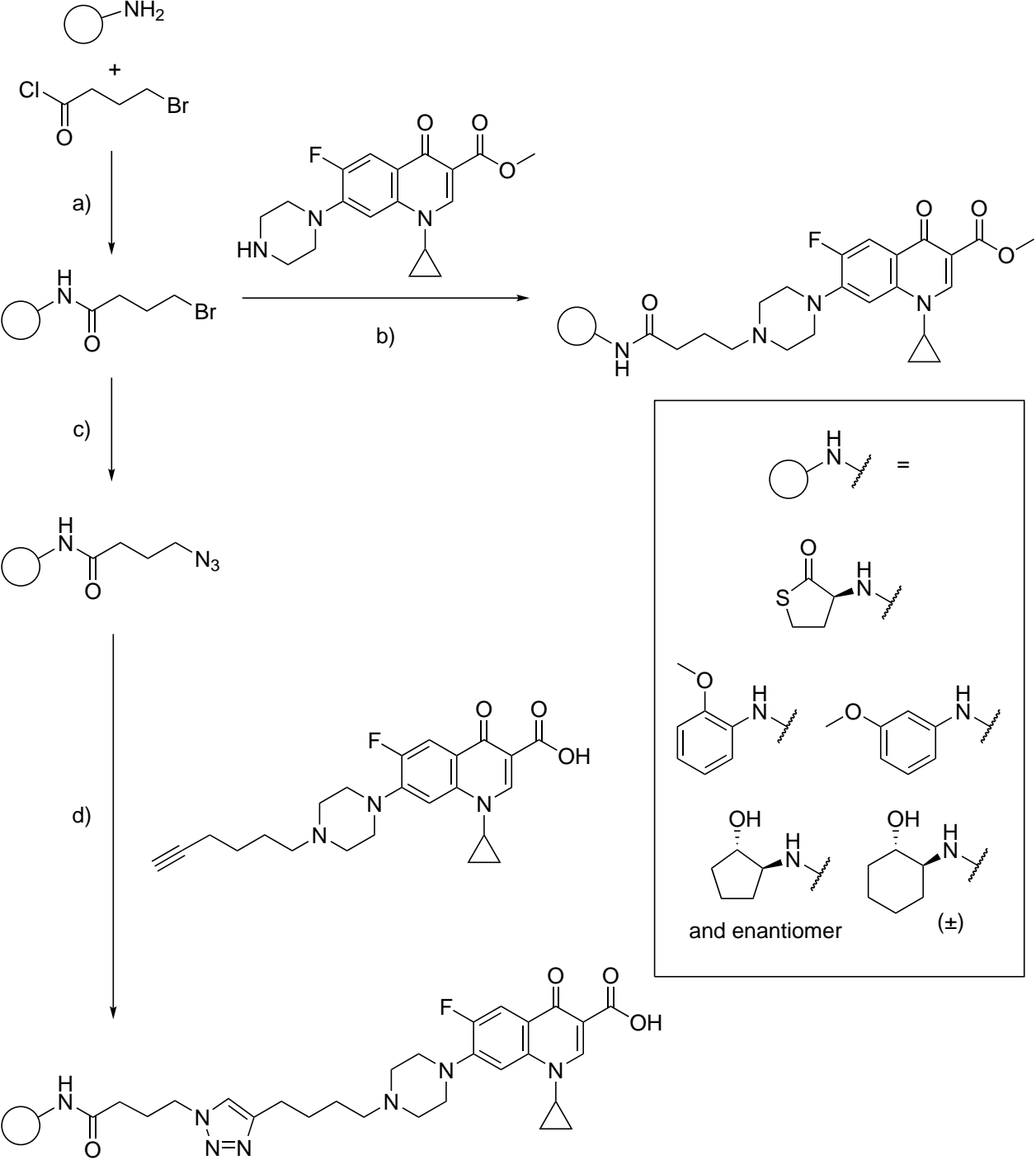


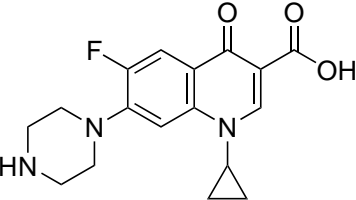
(±)



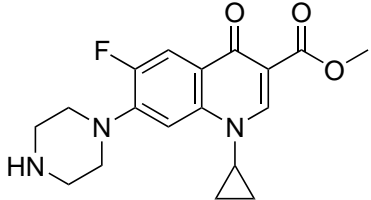
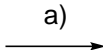
(±)

and enantiomer

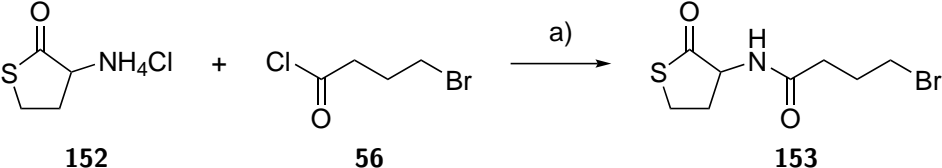


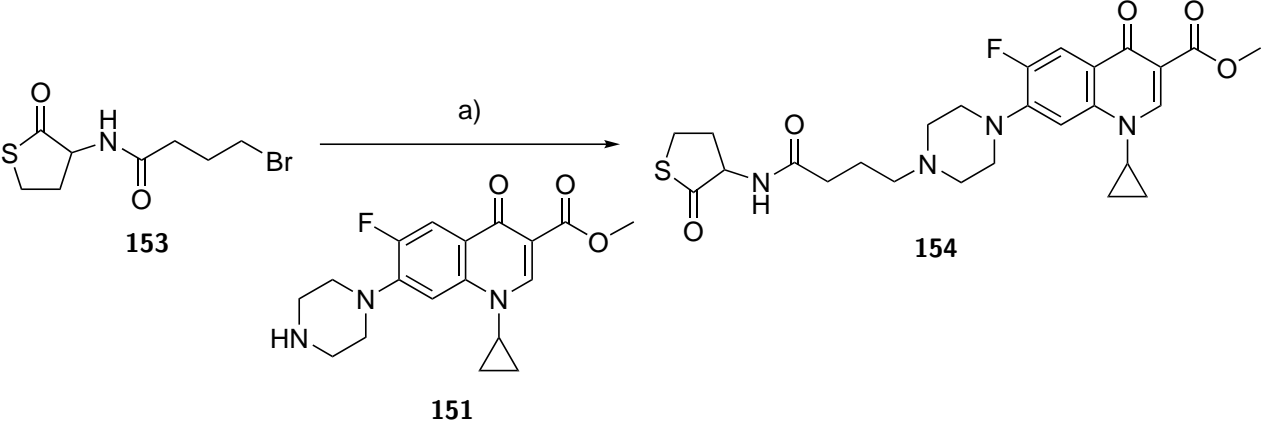


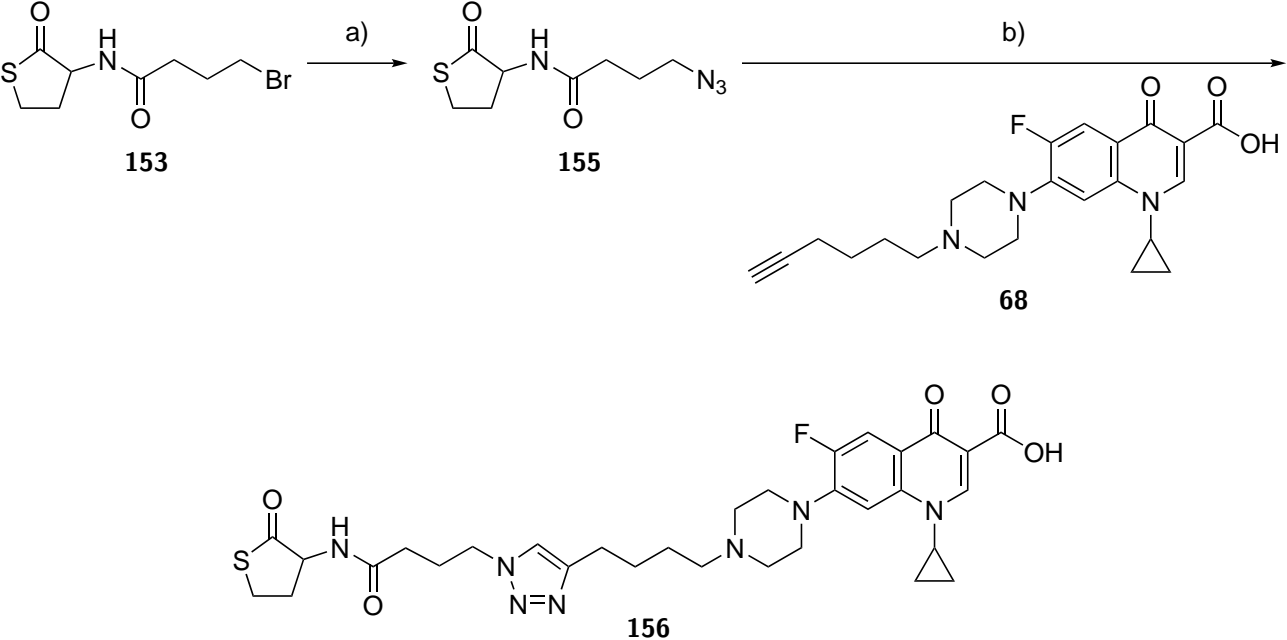
24

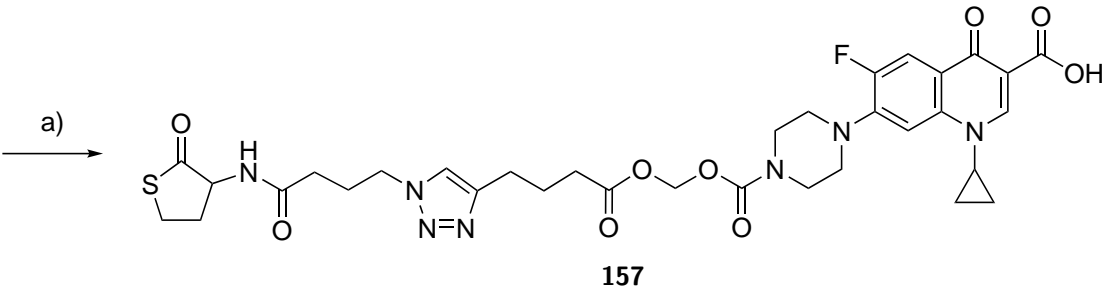
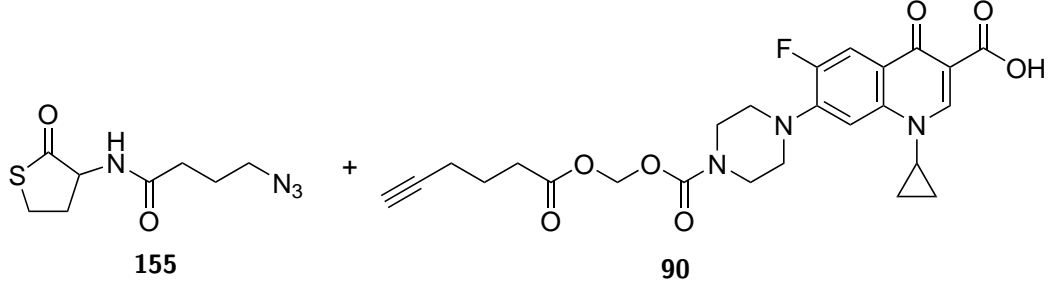


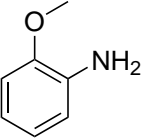
151





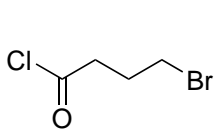






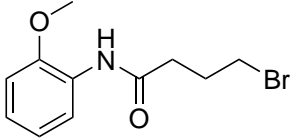
158

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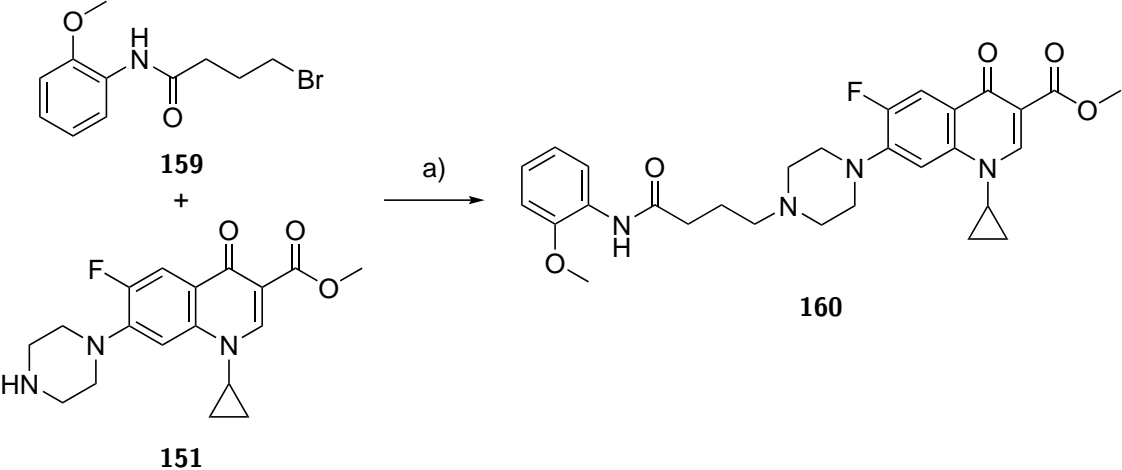


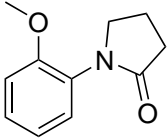
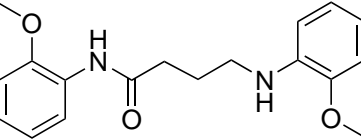
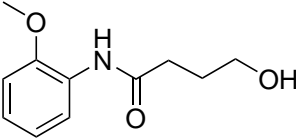
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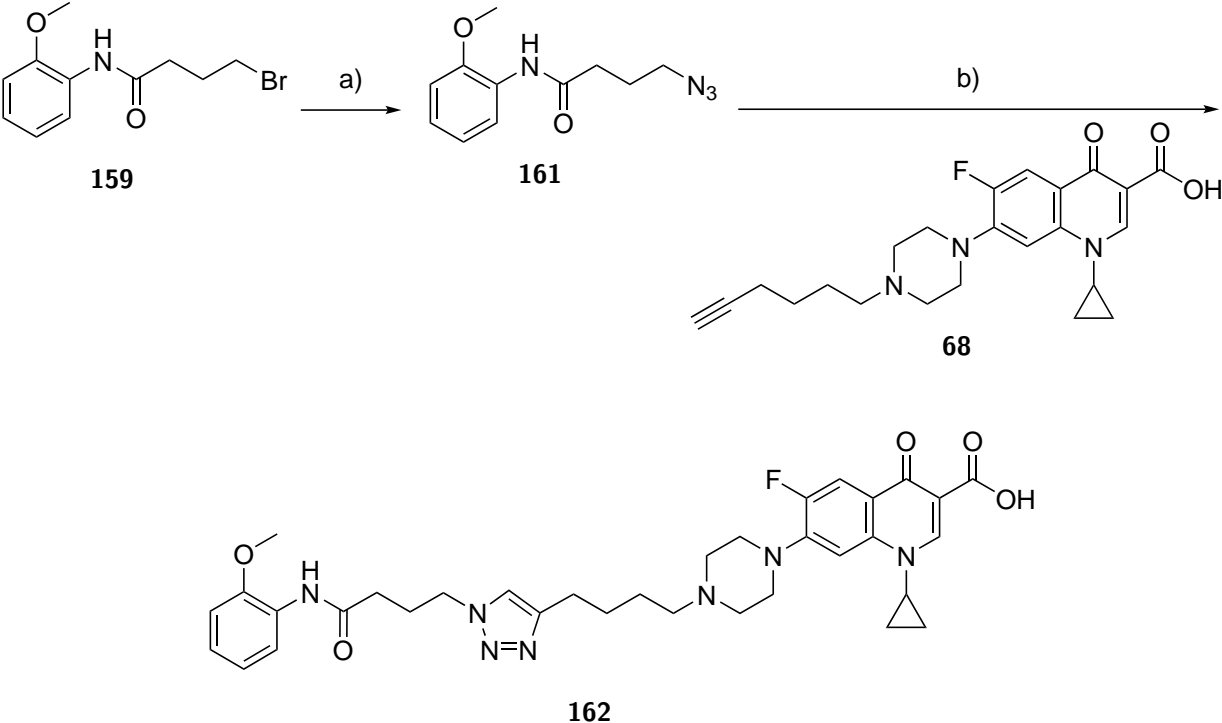
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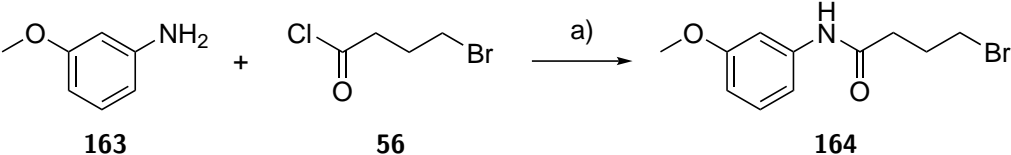


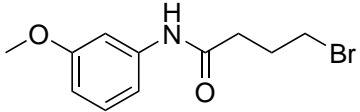
159





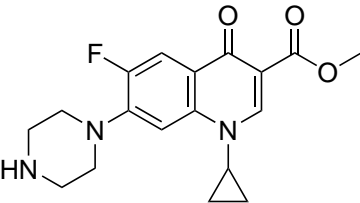




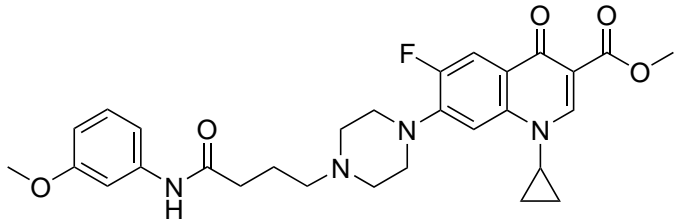
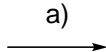


164

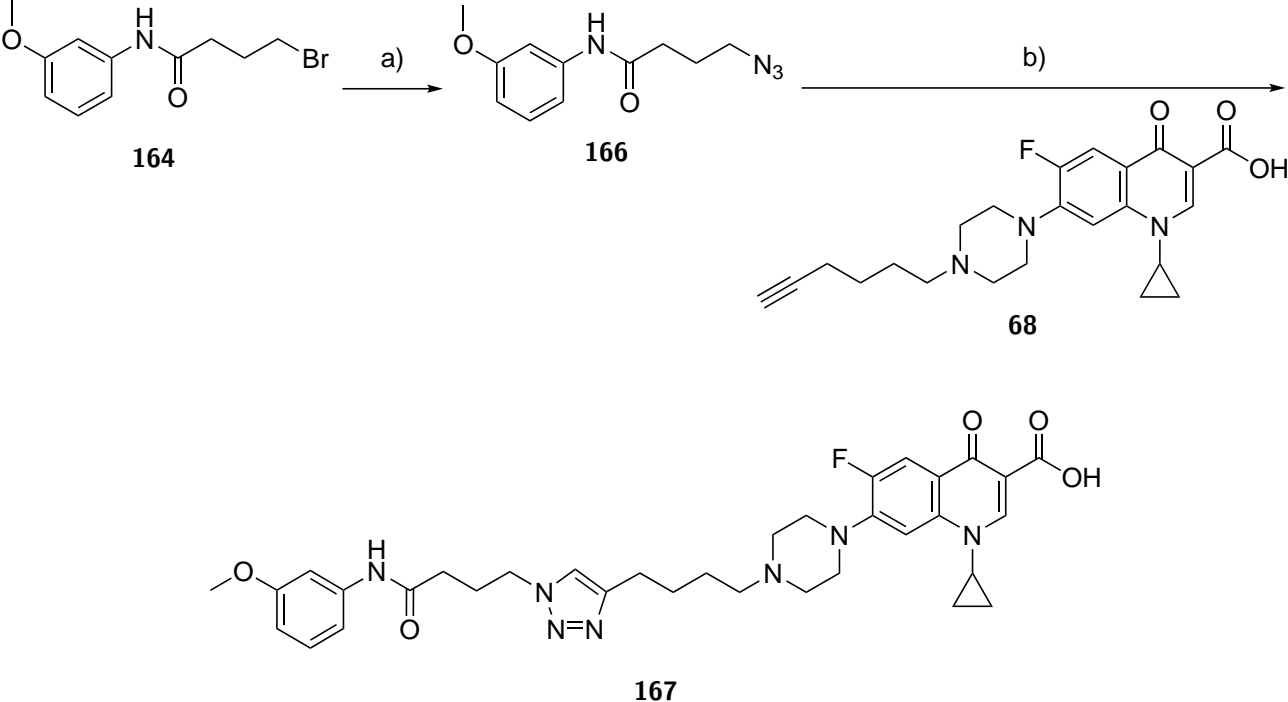
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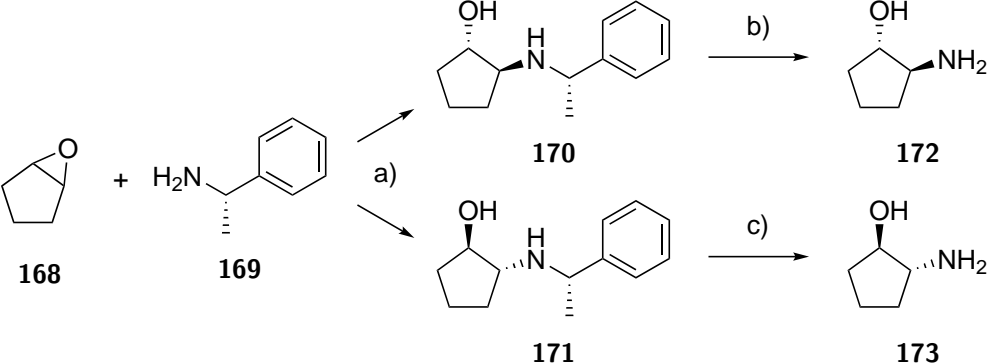


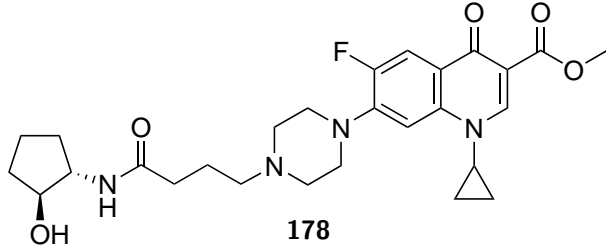
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165

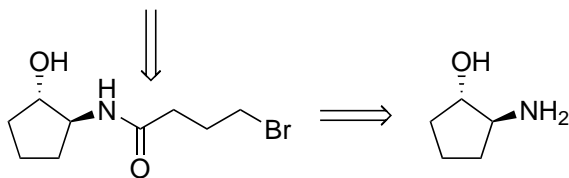






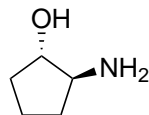
178

179



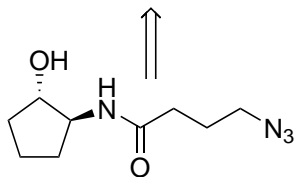
174

175



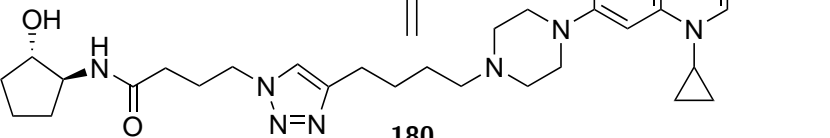
172

173



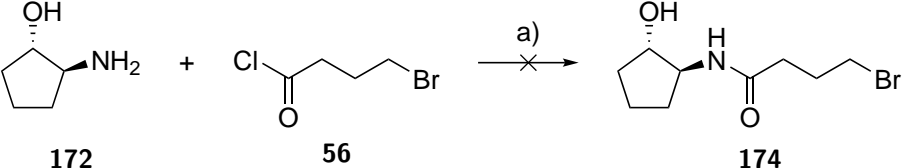
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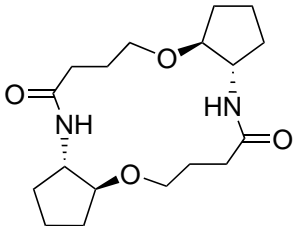
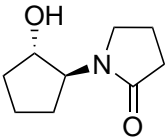
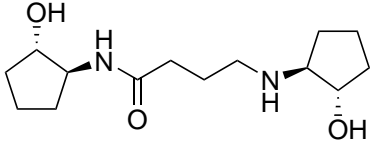
177

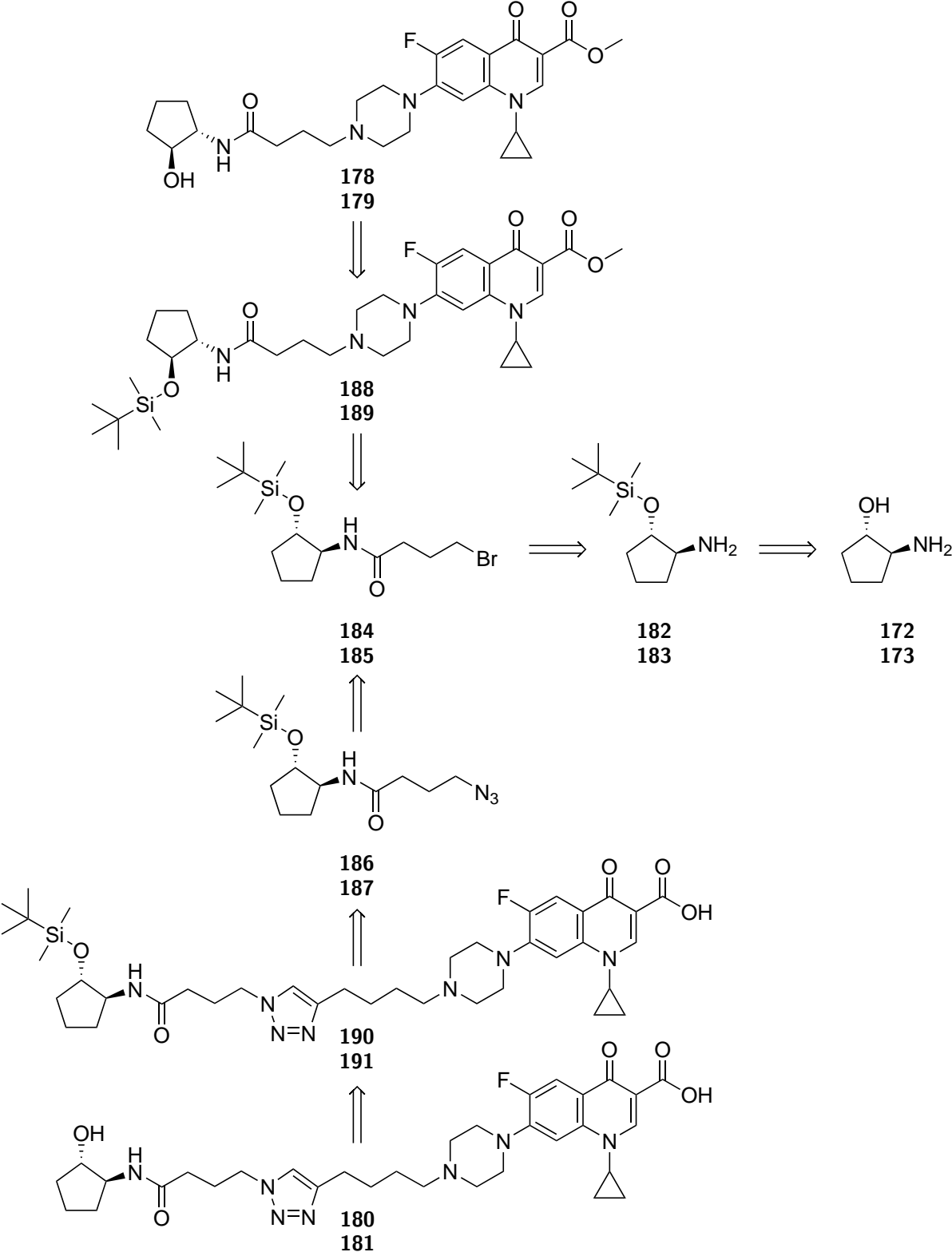


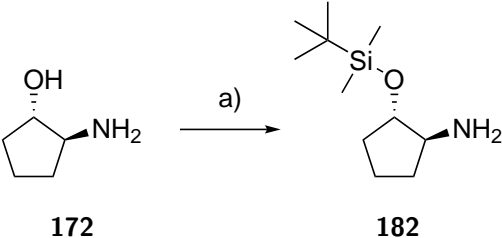
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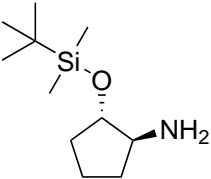
181





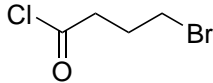




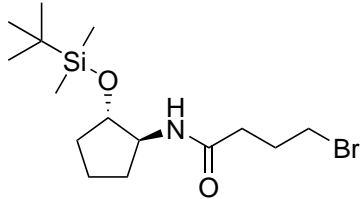
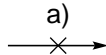


182

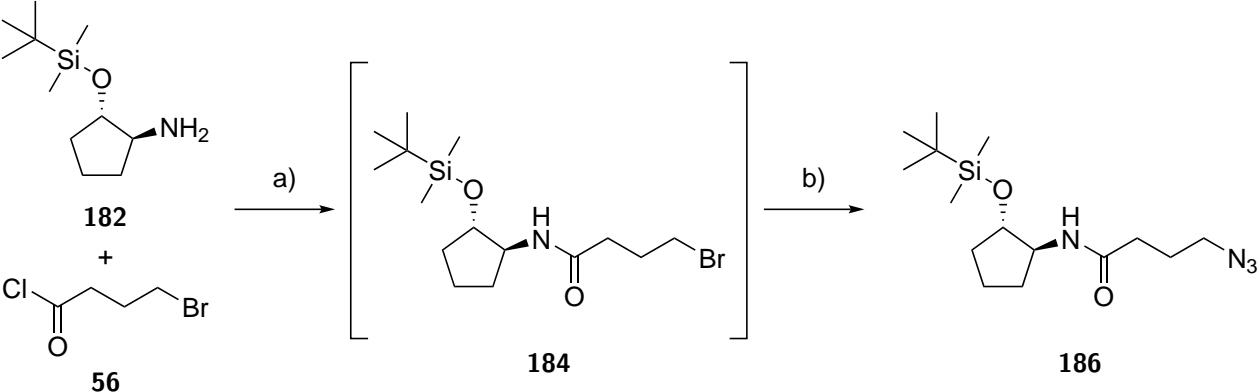
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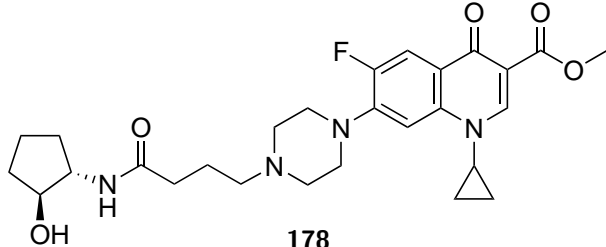


56



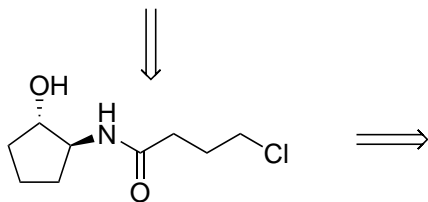
184





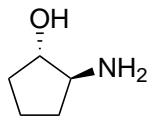
178

179



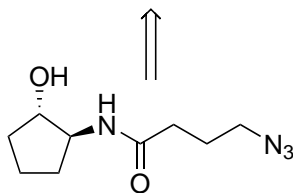
193

194



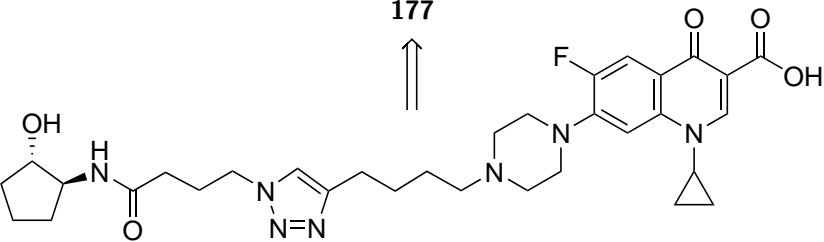
172

173



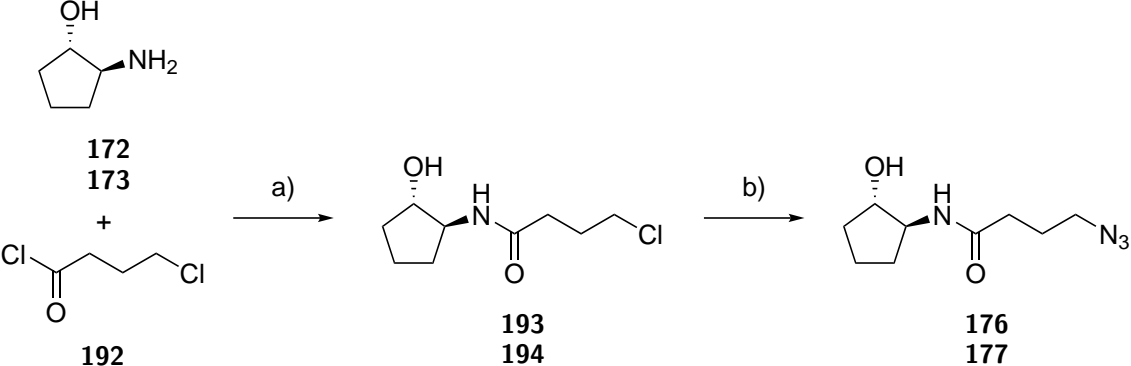
176

177



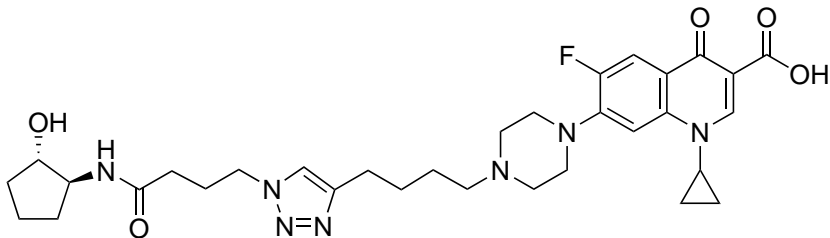
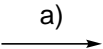
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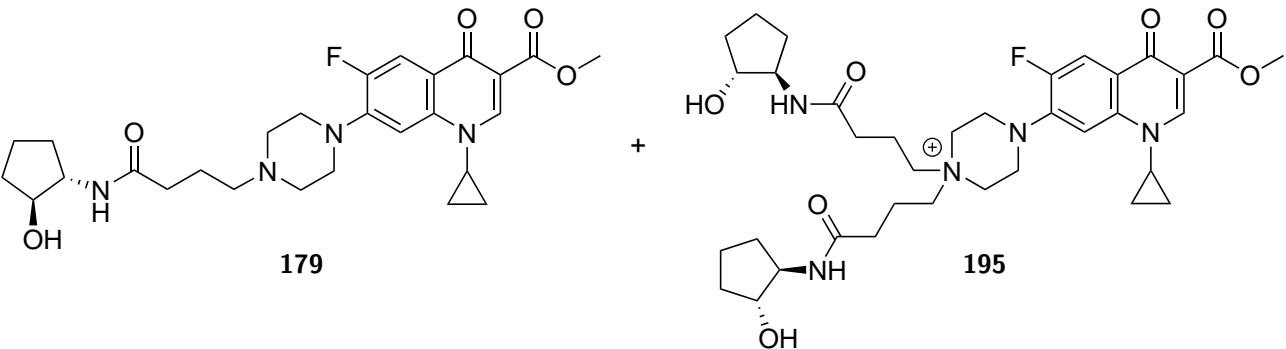
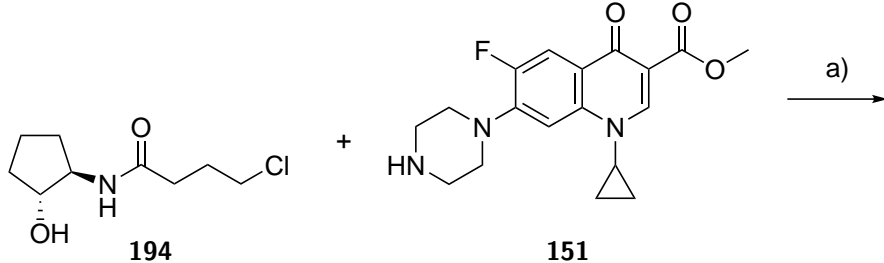


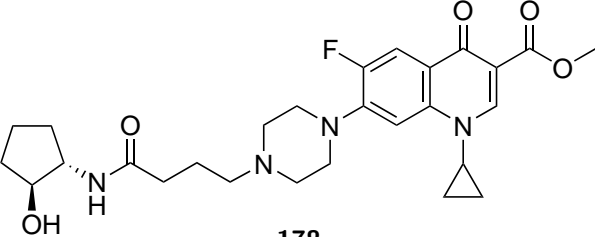


176
177



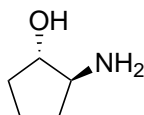
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181





178

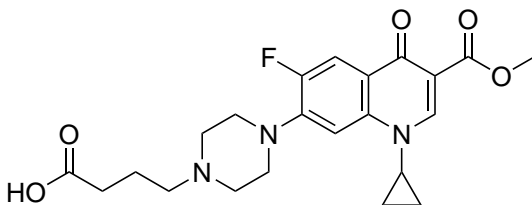
179



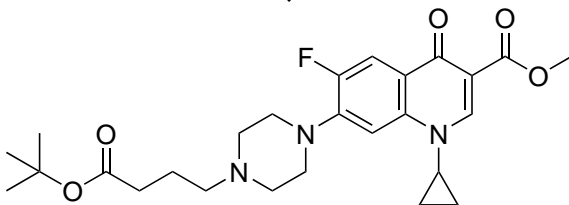
172

173

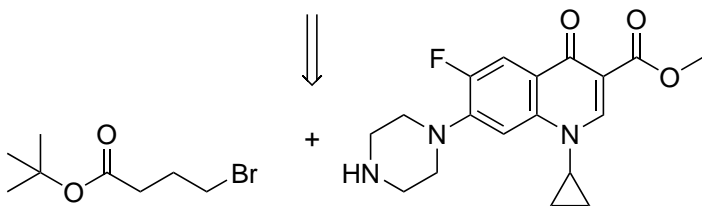
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198

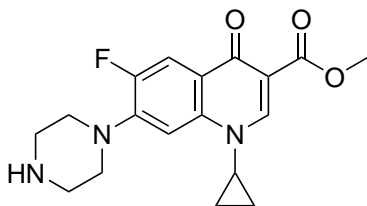


197

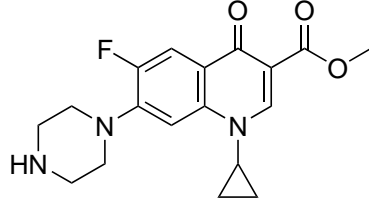


196

+

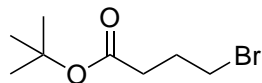


151



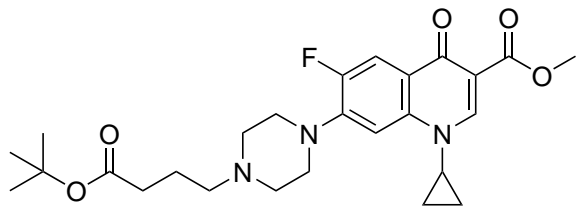
151

+



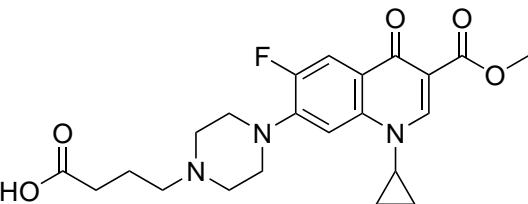
196

a)



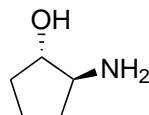
197

b)



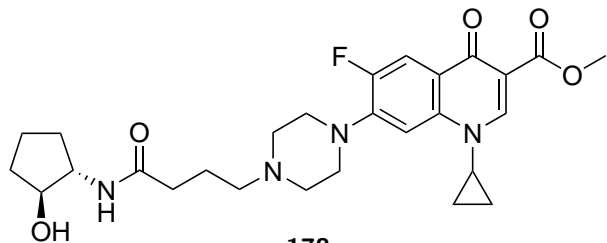
198

c)



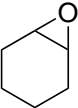
172

173

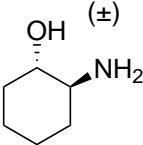
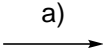


178

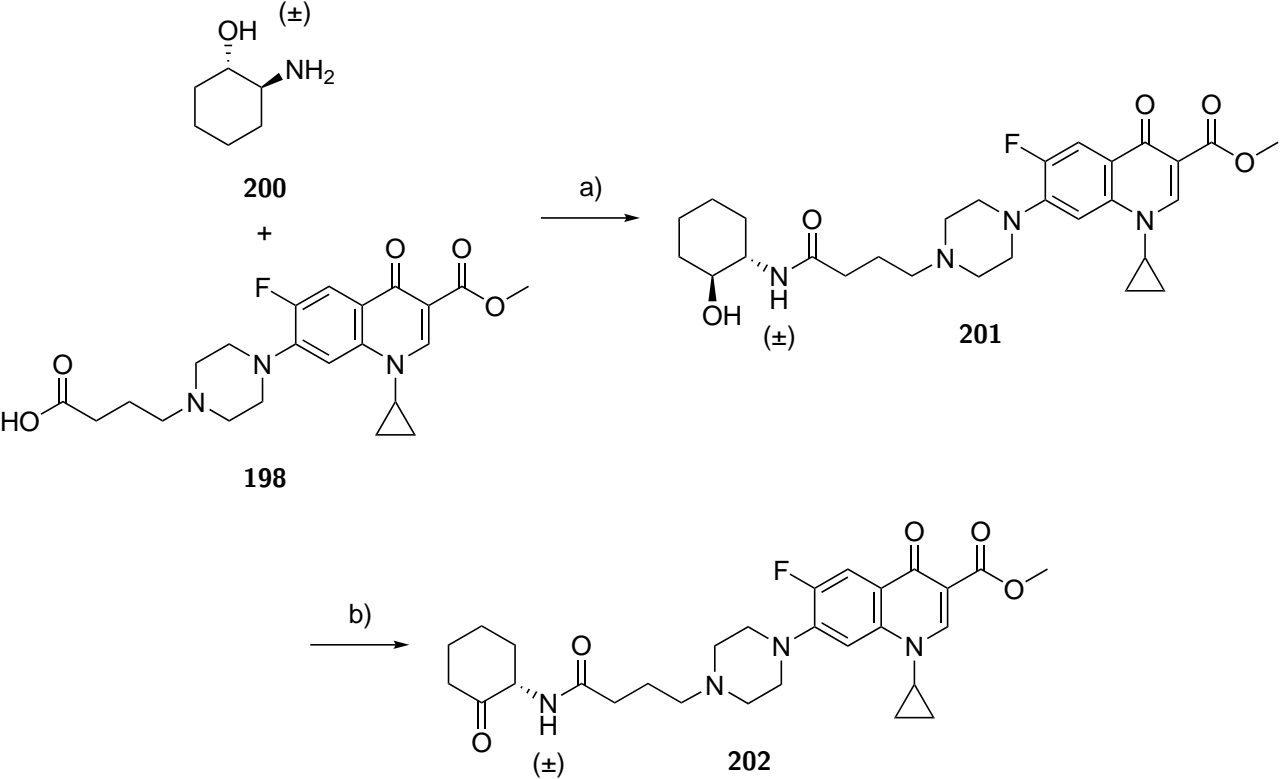
179

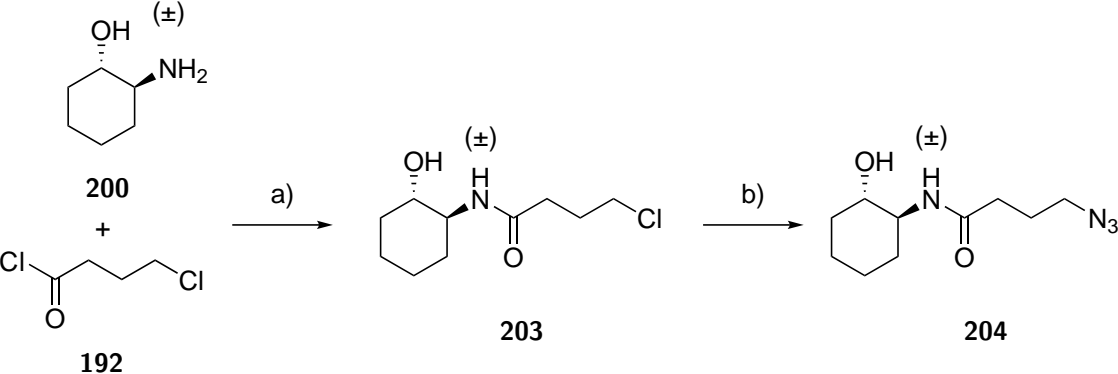


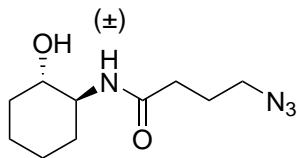
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200

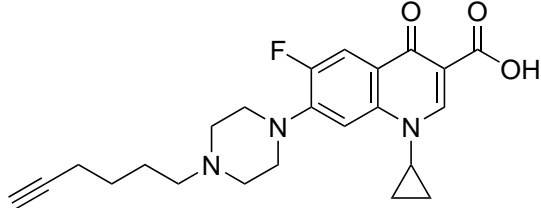






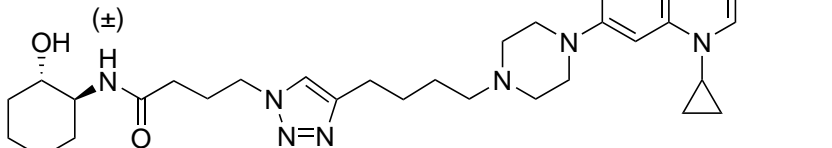
204

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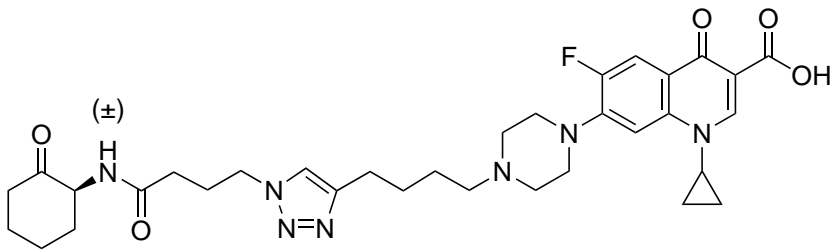
68

a)

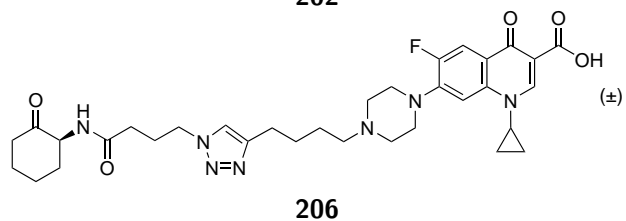
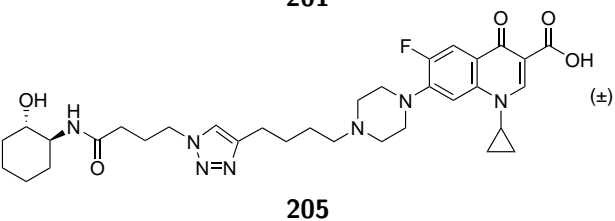
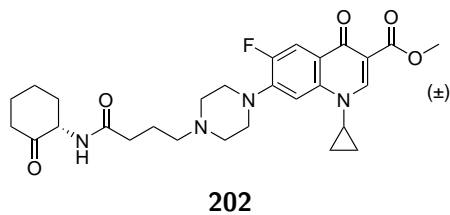
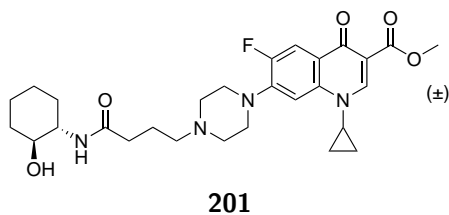
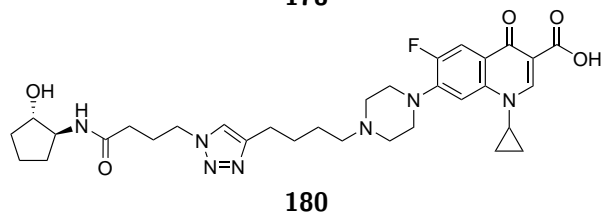
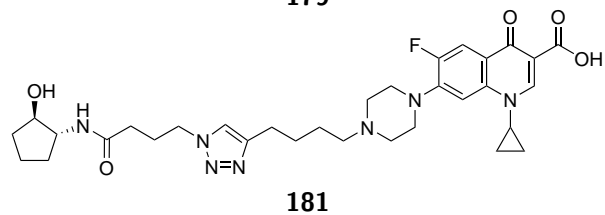
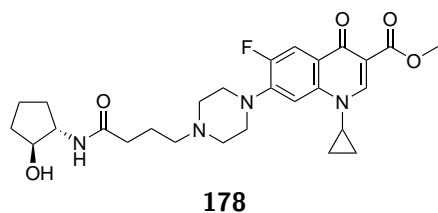
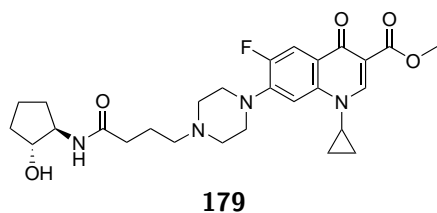
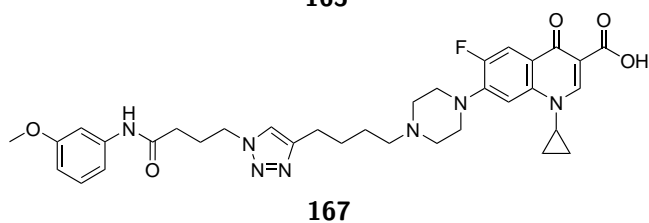
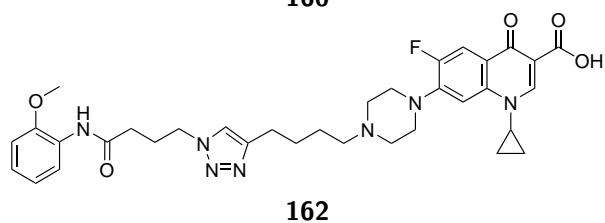
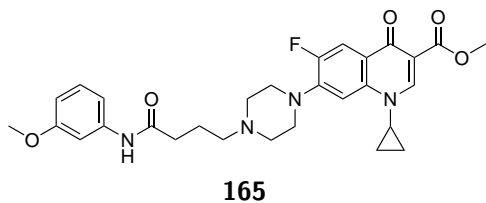
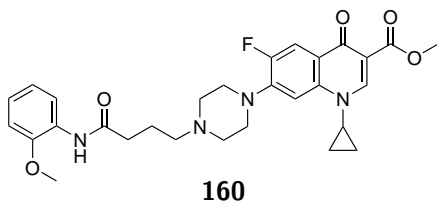
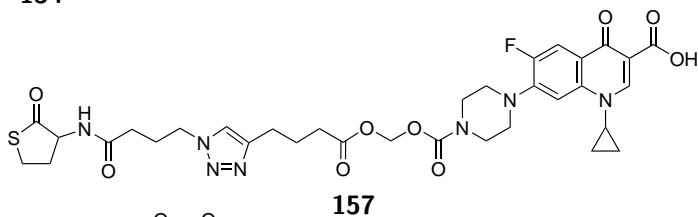
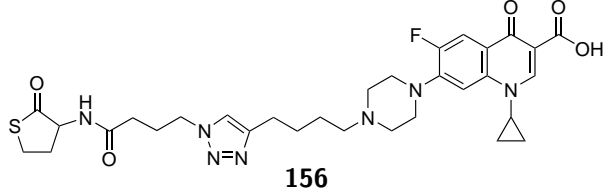
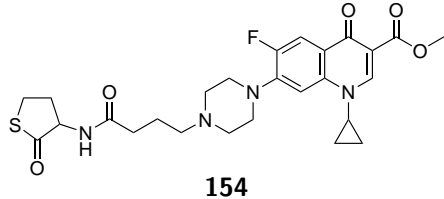


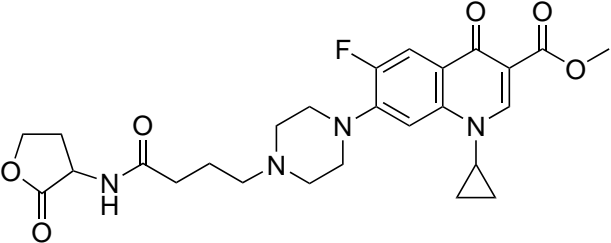
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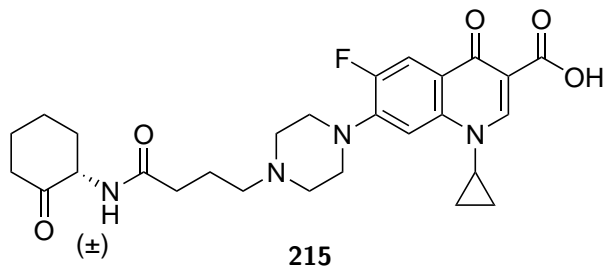
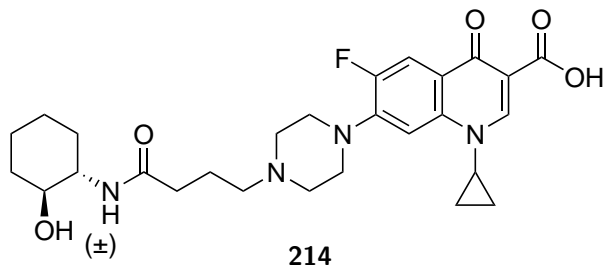
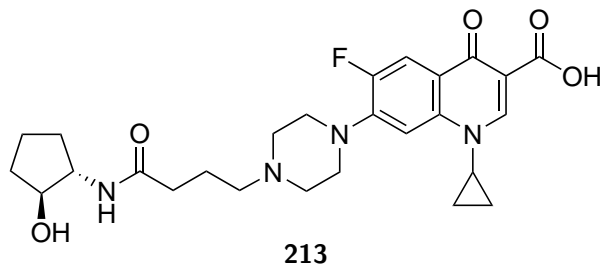
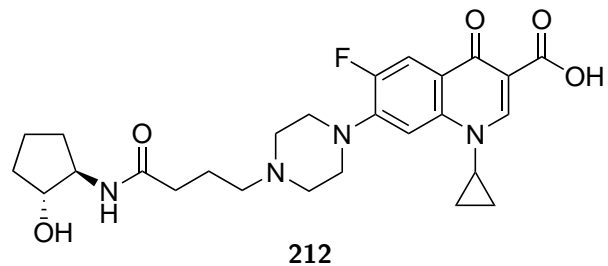
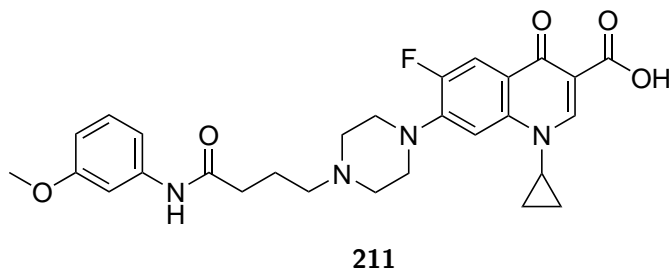
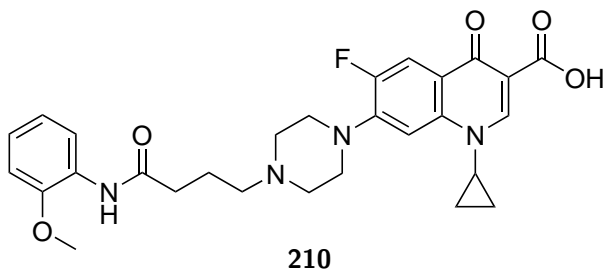
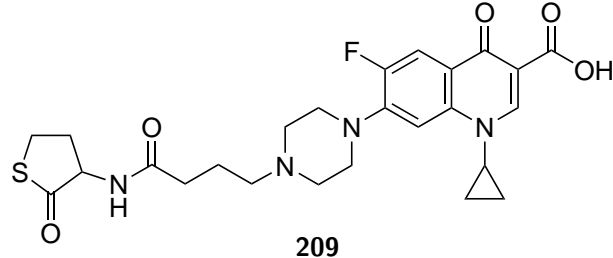
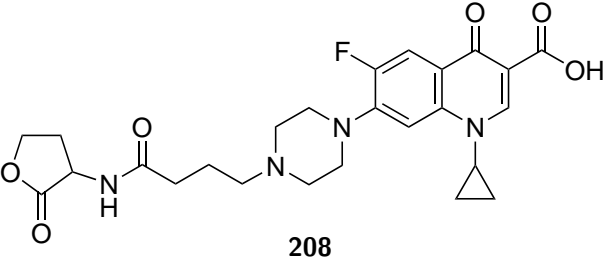
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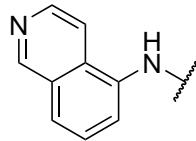
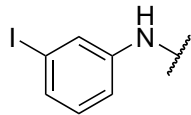
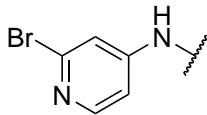
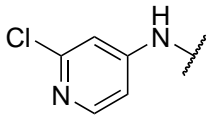
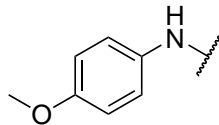
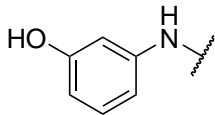
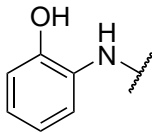
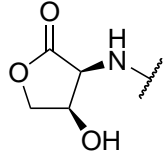
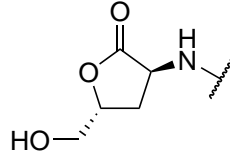
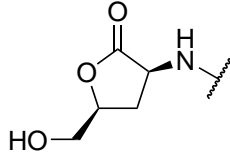
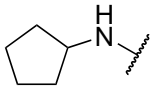
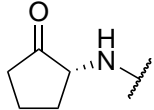
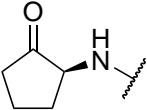


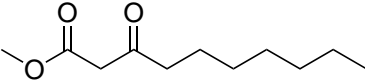
206



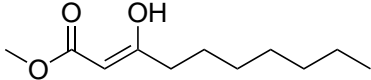




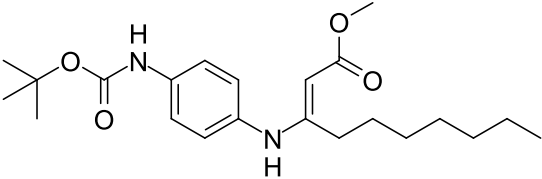


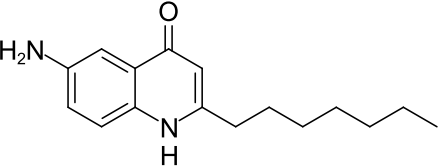


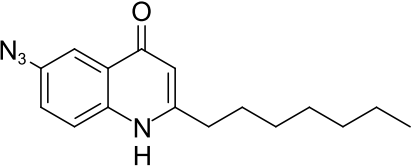
33
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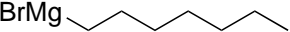


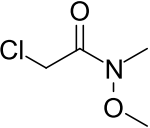
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8 %

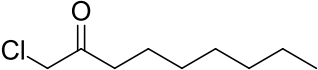


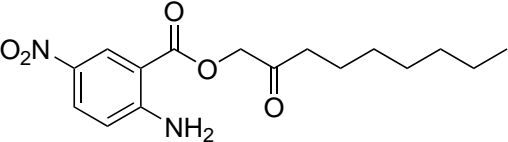


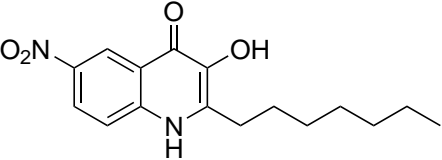


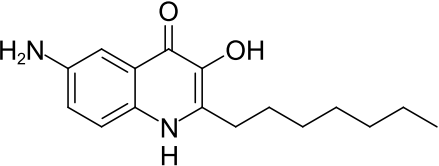


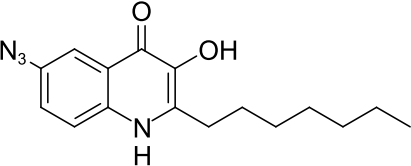


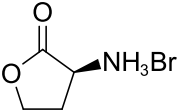


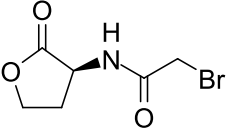


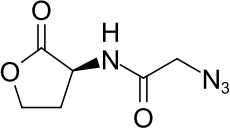


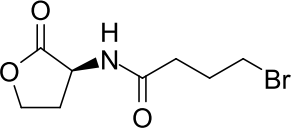


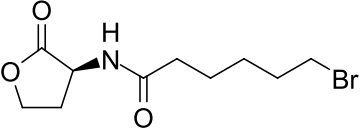


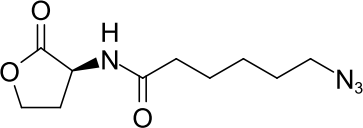


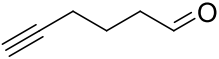


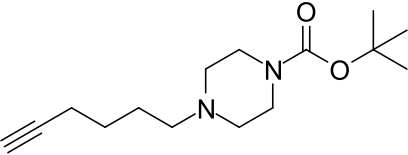


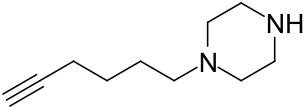


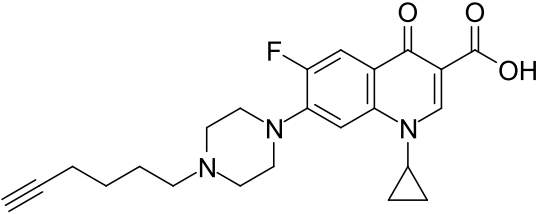


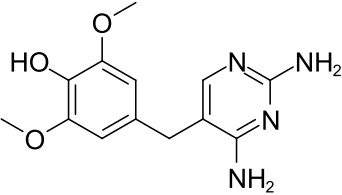


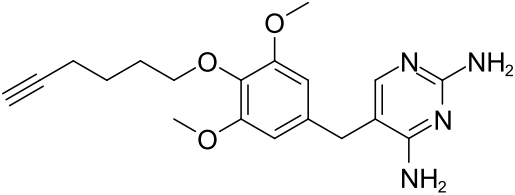


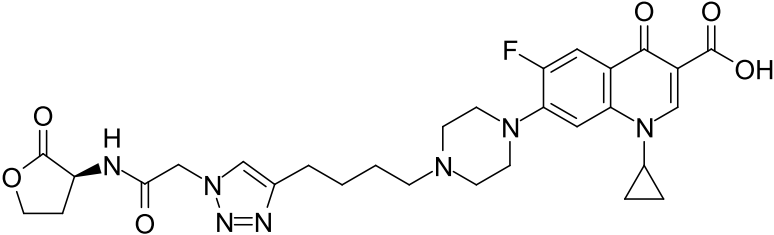


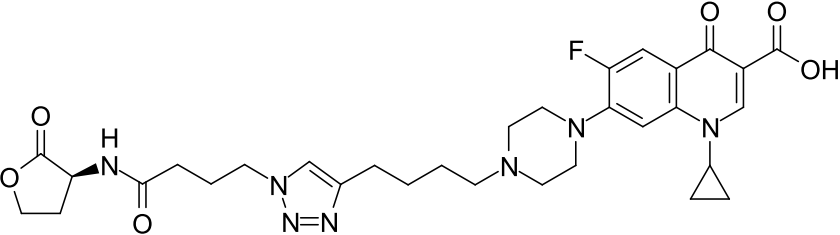


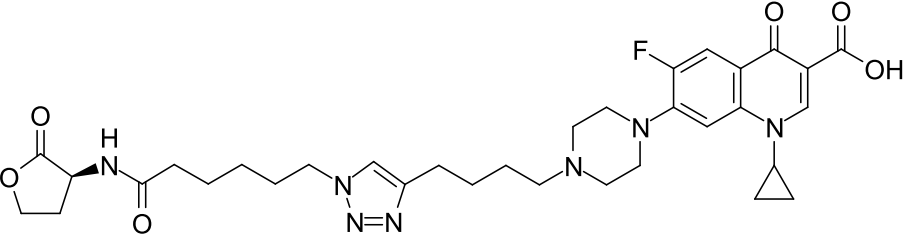


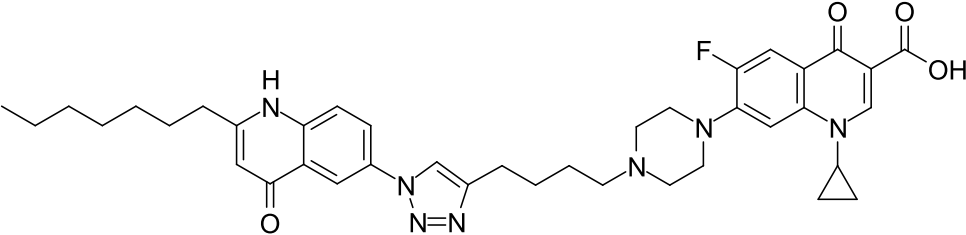


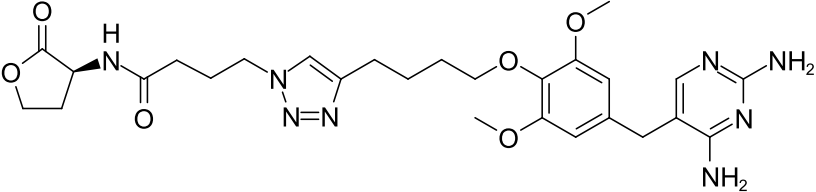


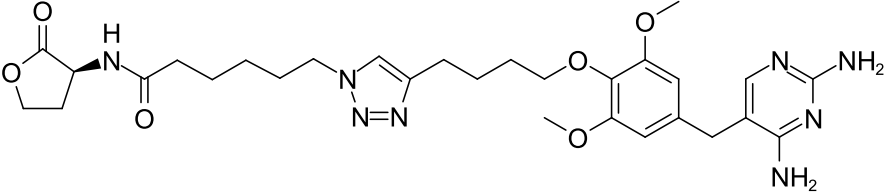


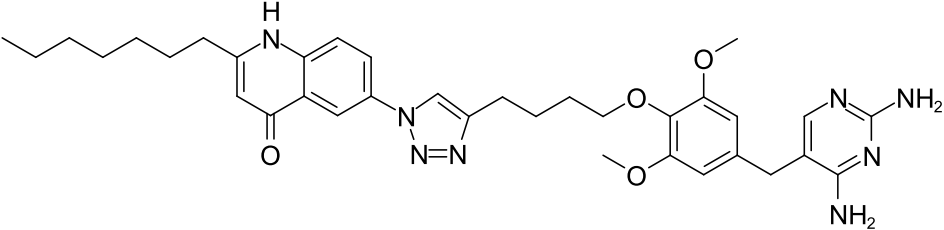


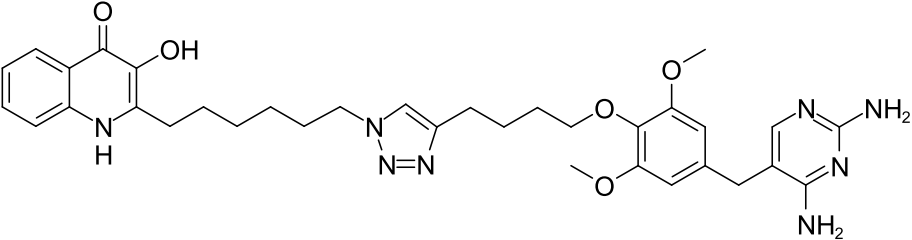


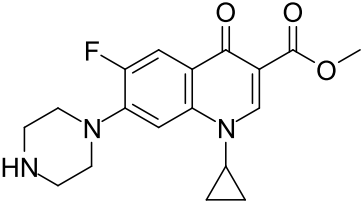


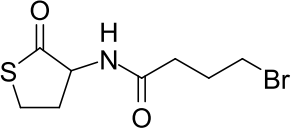


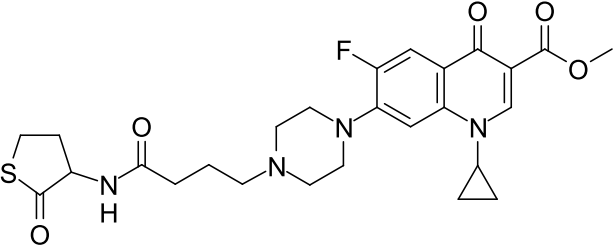


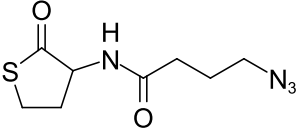


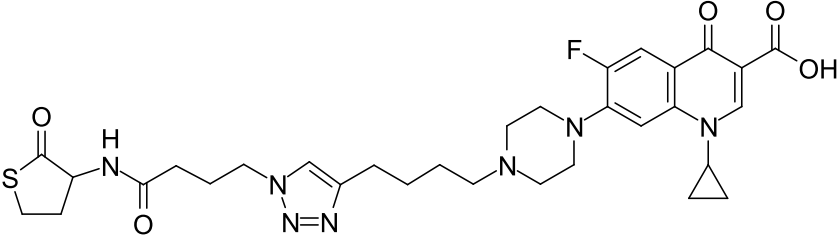


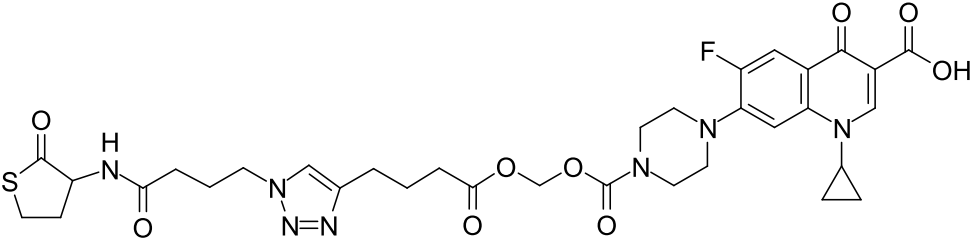


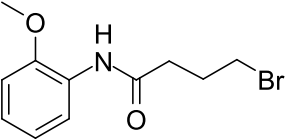


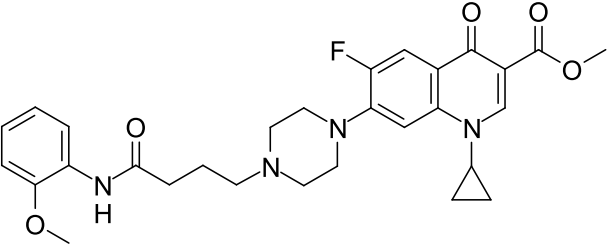


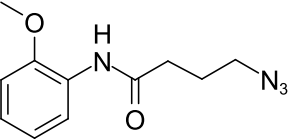


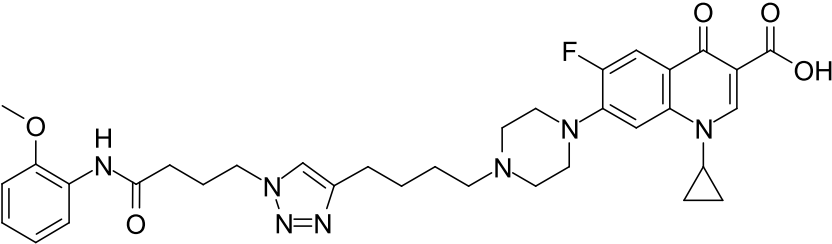


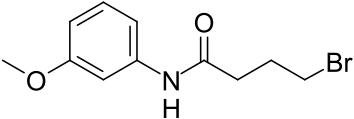


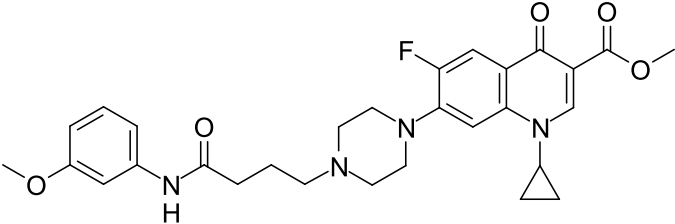


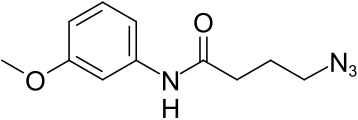


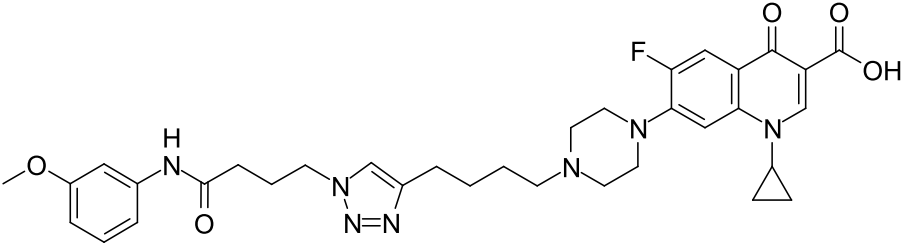


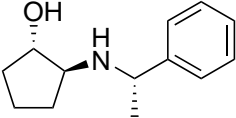




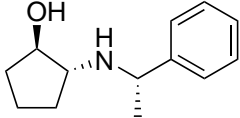








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