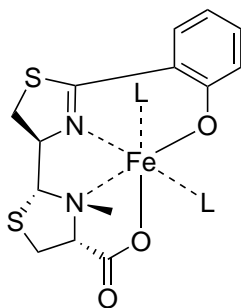
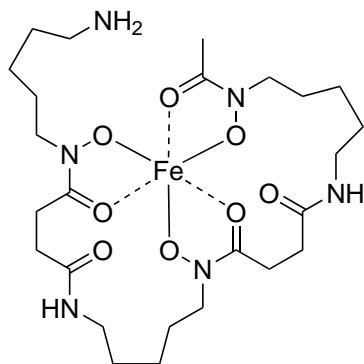


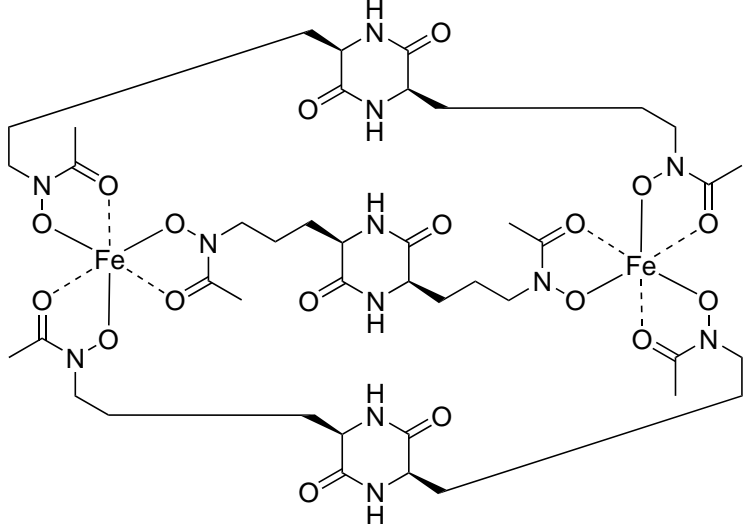
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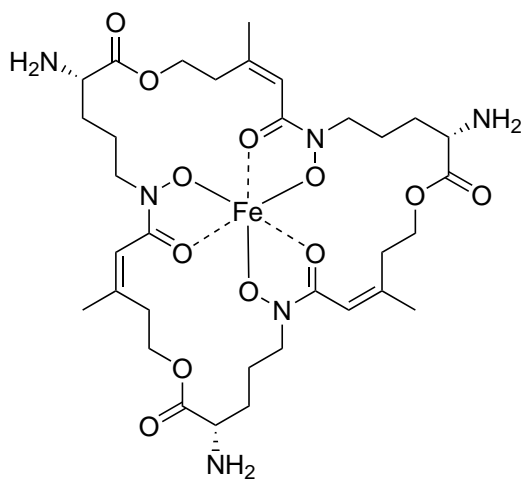
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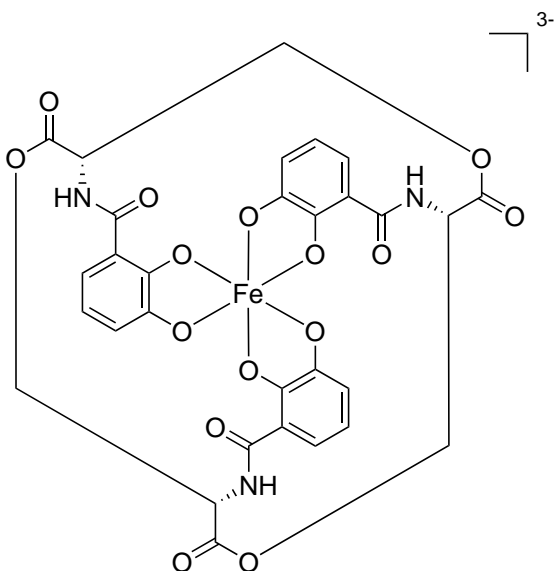
Deferoxamine B
1



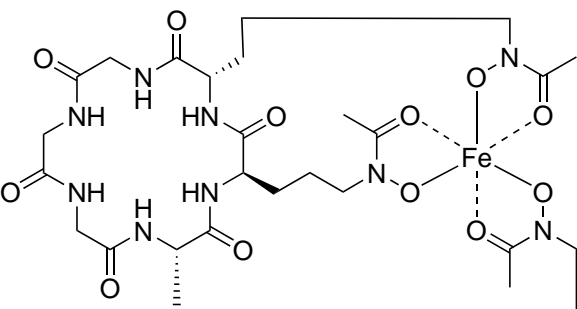
Rhodotorulic acid
2



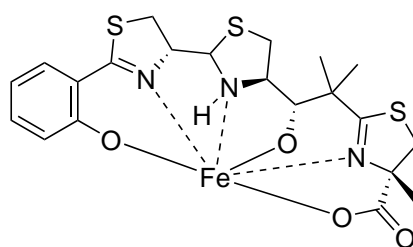
Fusarinine C
3



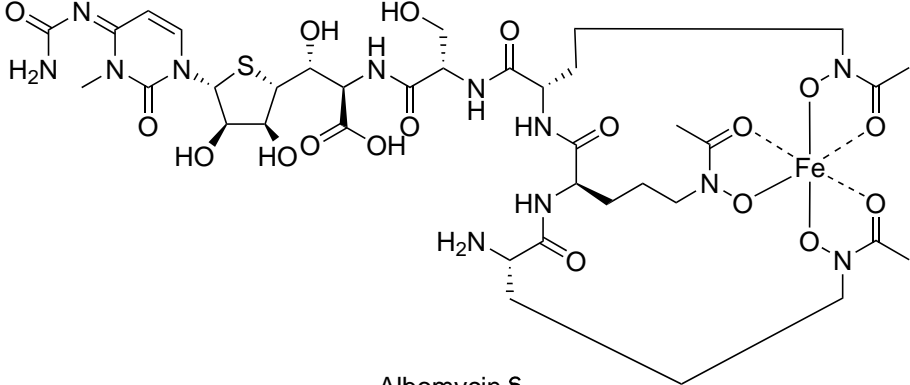
Enterobactin
4



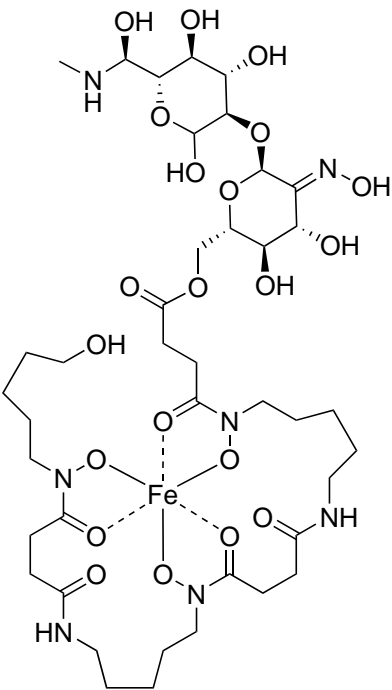
Ferrichrome
5



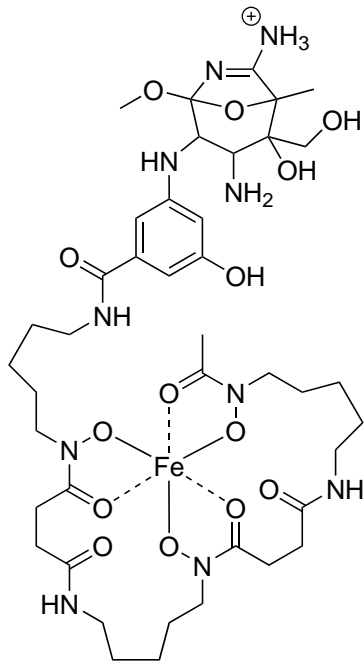
Yersiniabactin
6



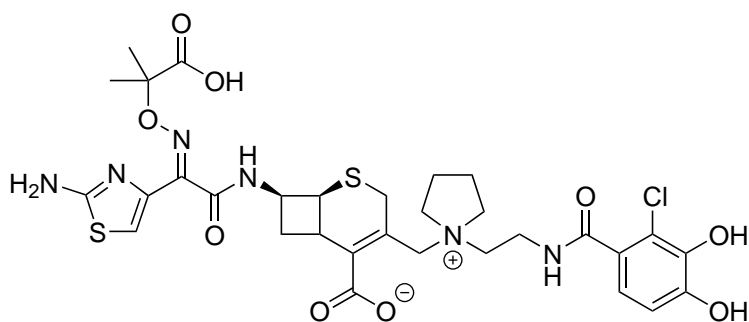
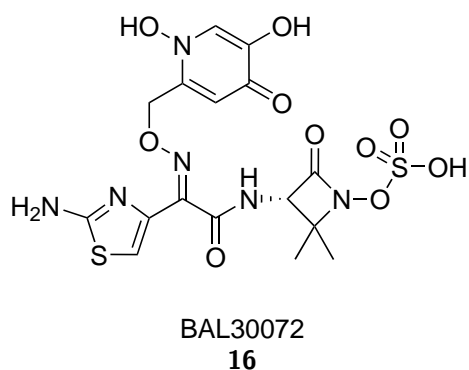
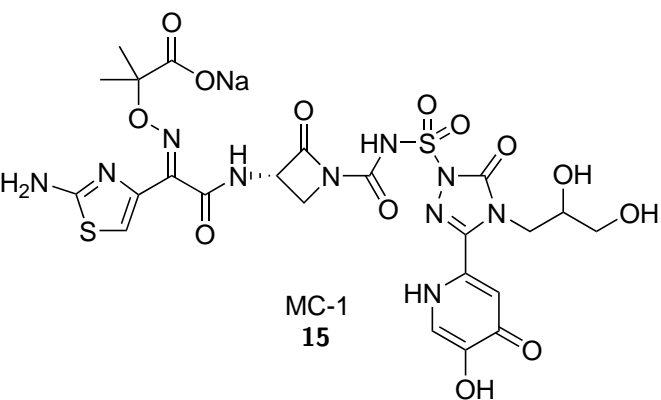
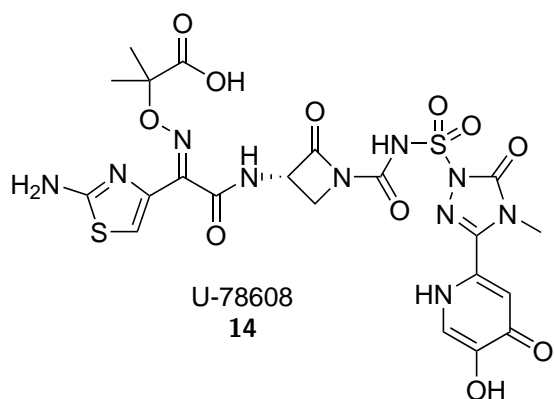
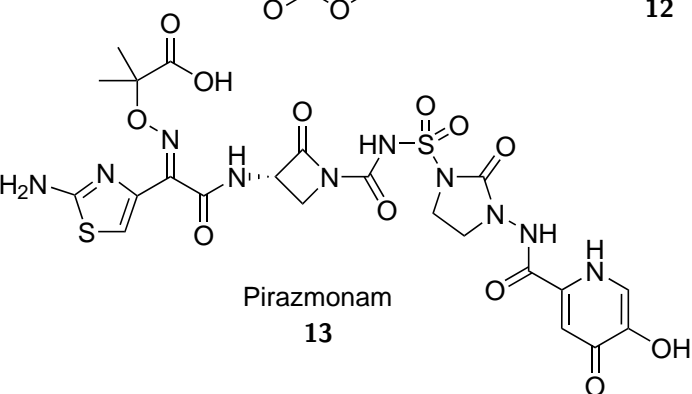
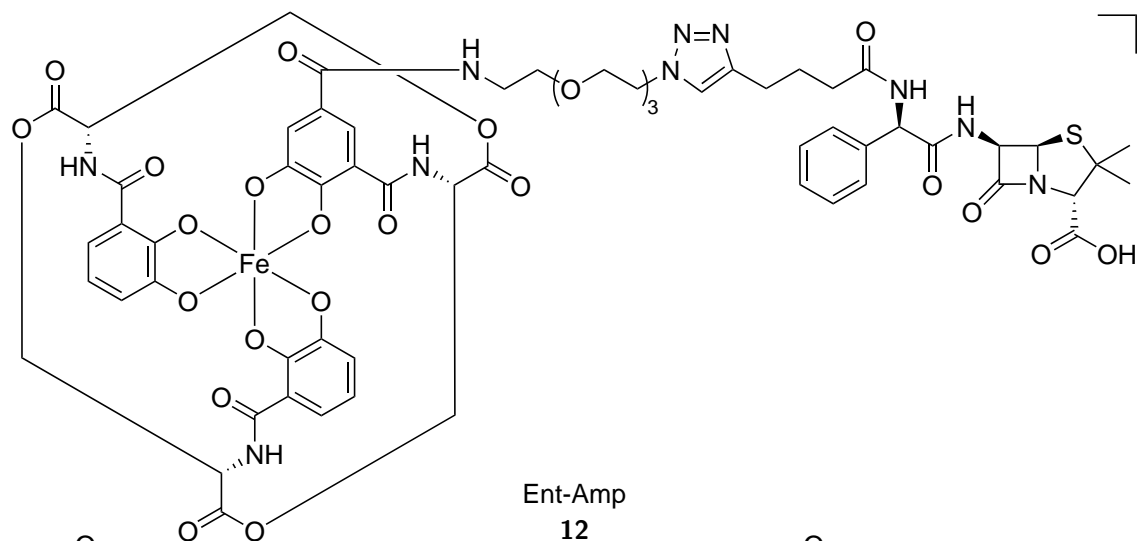
Albomycin δ_2
9

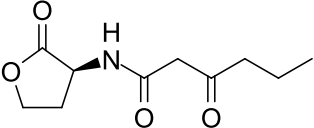


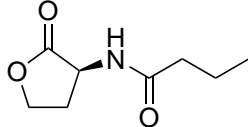
Salmycin A
10



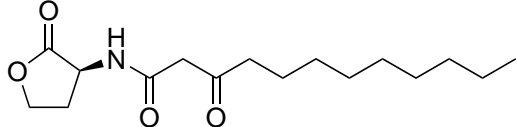
Ferrimycin A1
11



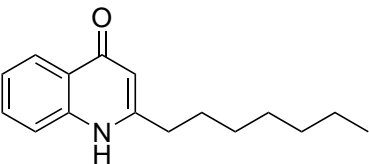




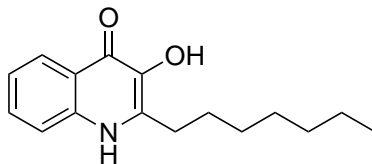
C₄-HSL
19



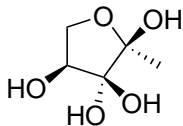
3-oxo-C₁₂-HSL
20



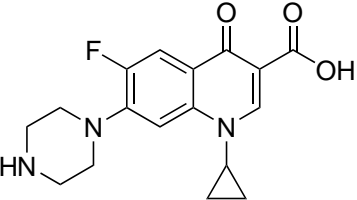
HHQ
21



PQS
22

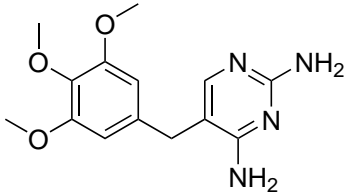


AI-2
23



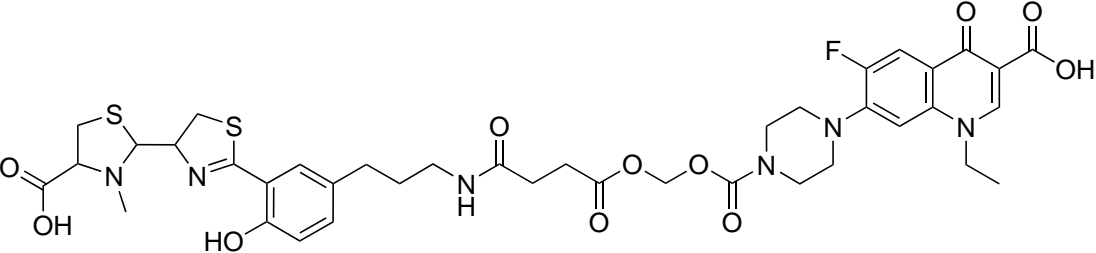
Ciprofloxacin

24

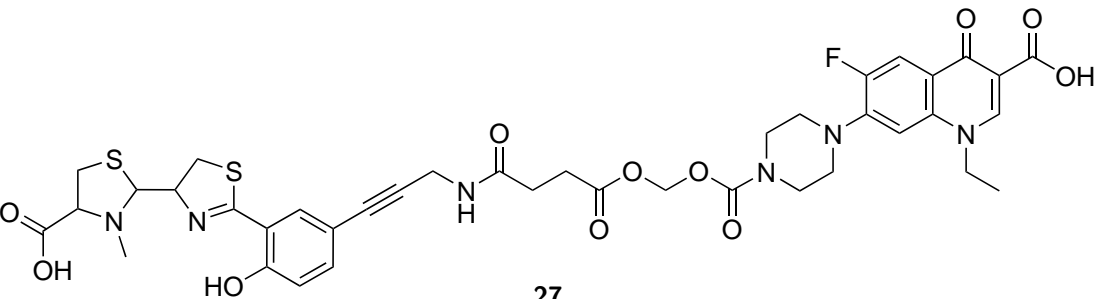


Trimethoprim

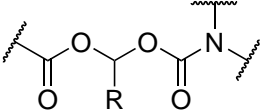
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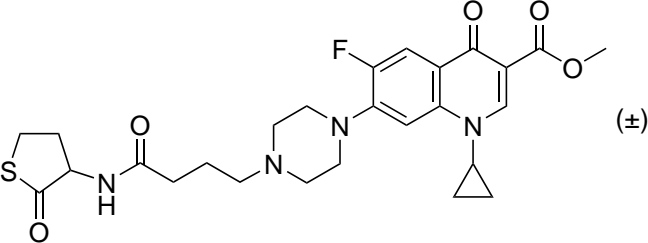


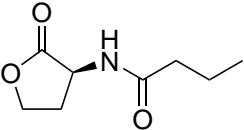
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27

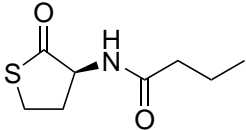






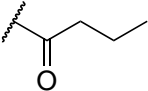
C₄-HSL

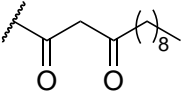
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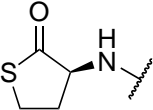


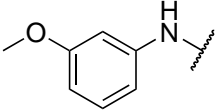
C₄-HCTL

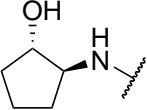
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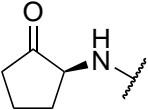


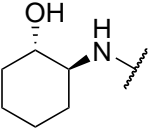


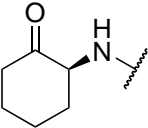


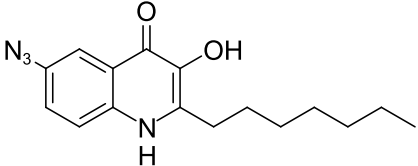
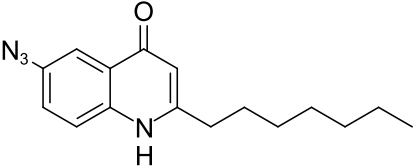


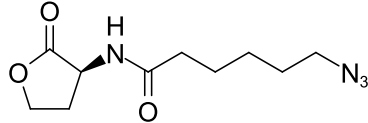
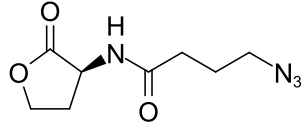
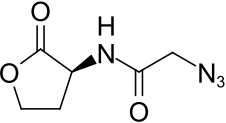


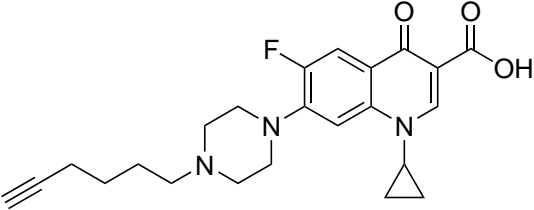




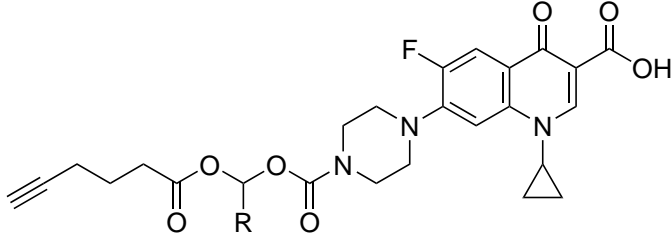






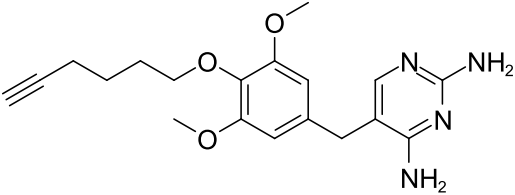


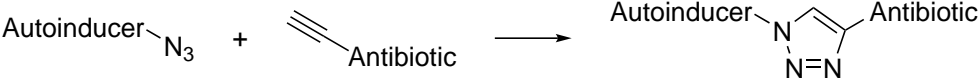
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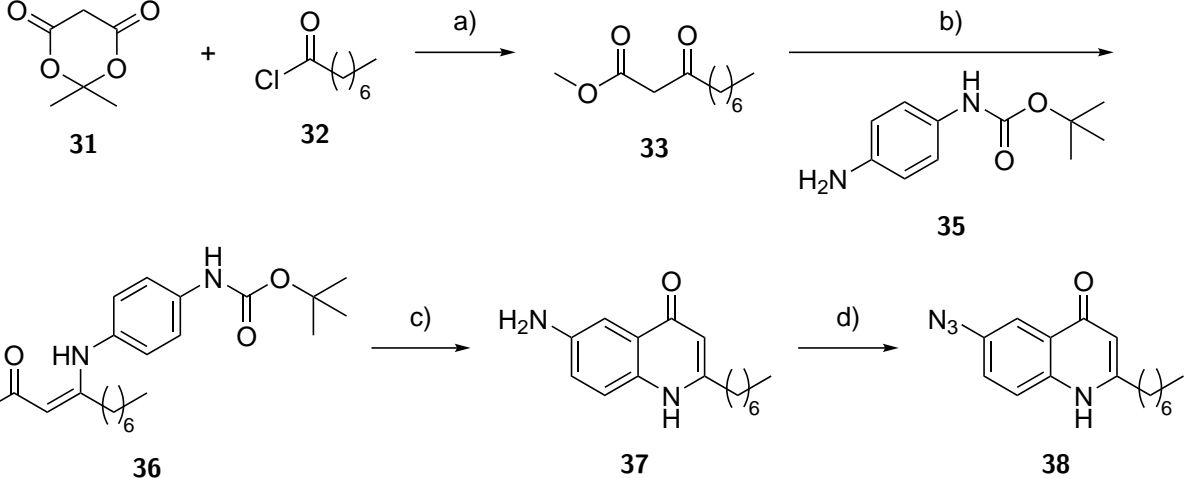


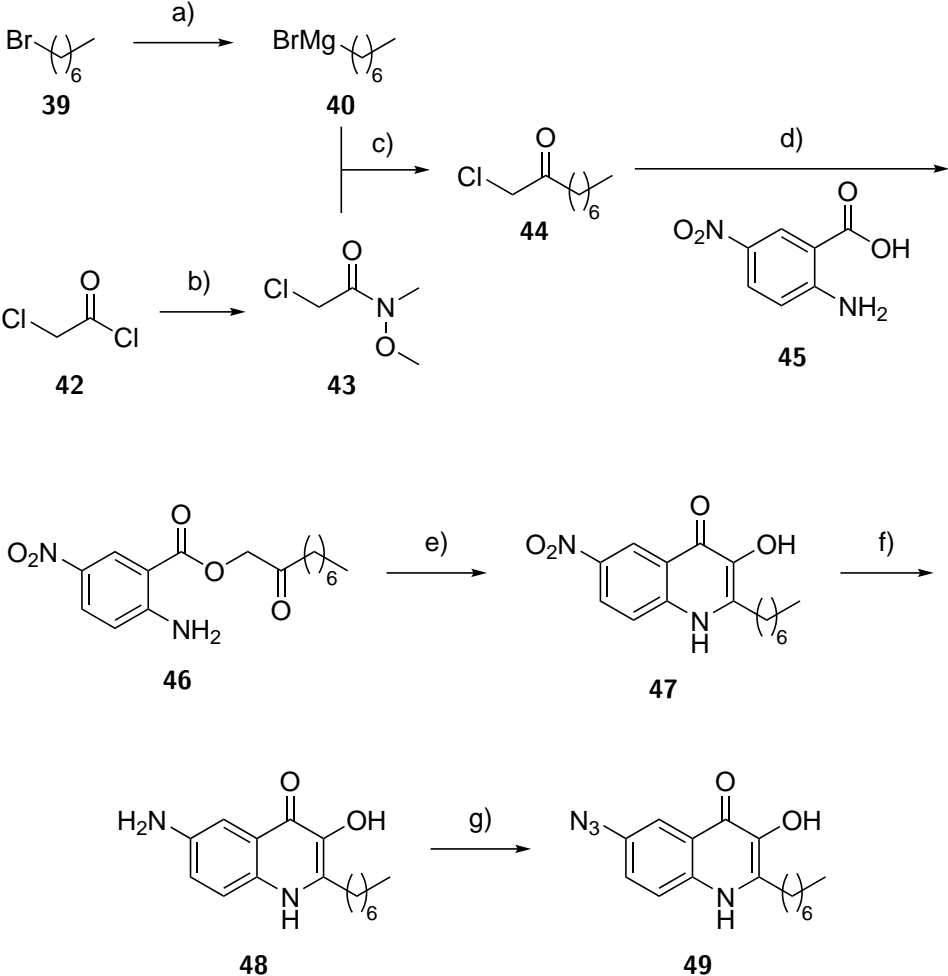
R = H 90

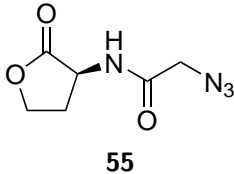
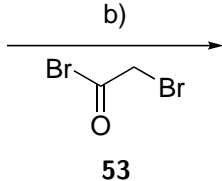
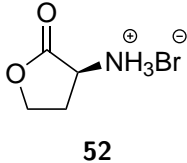
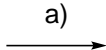
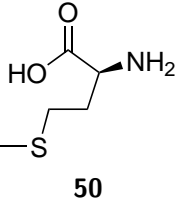
R = Me 91

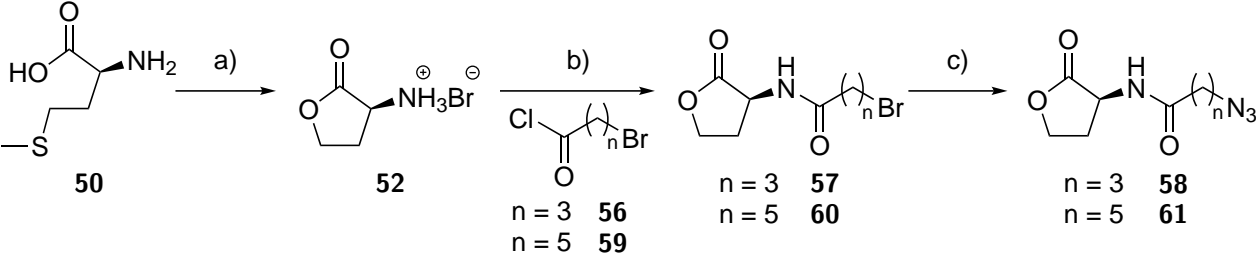


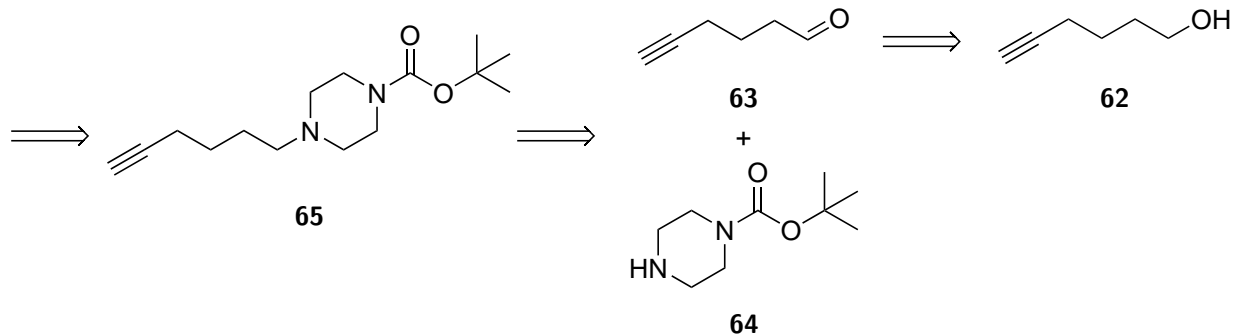
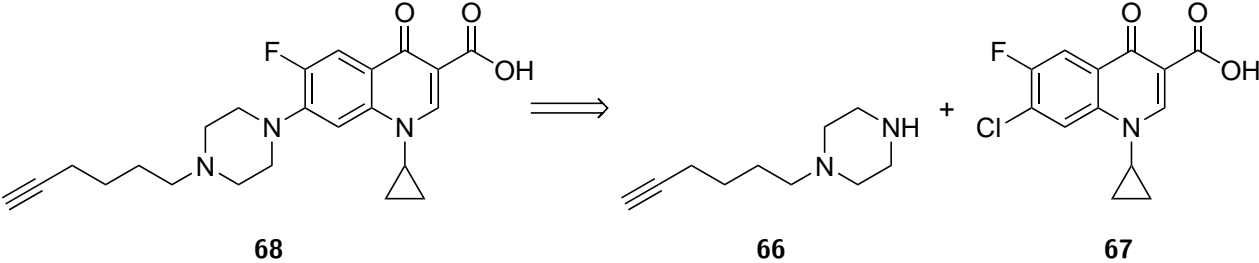


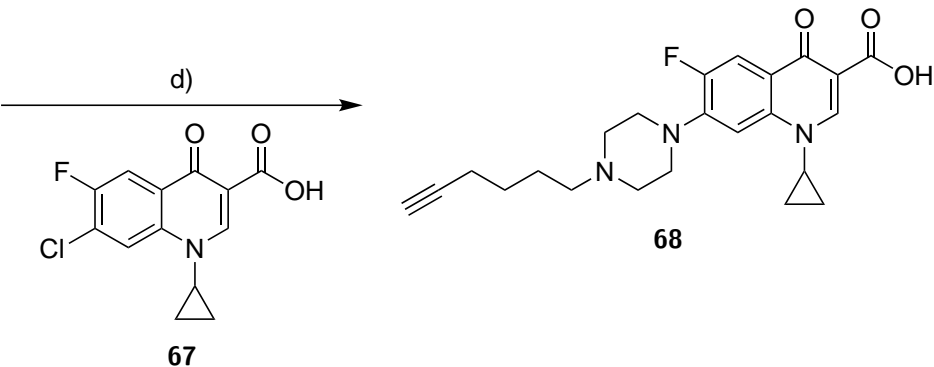
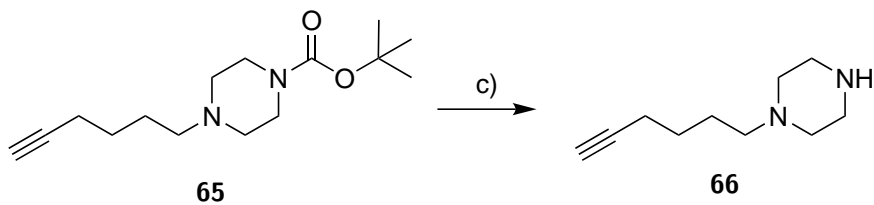
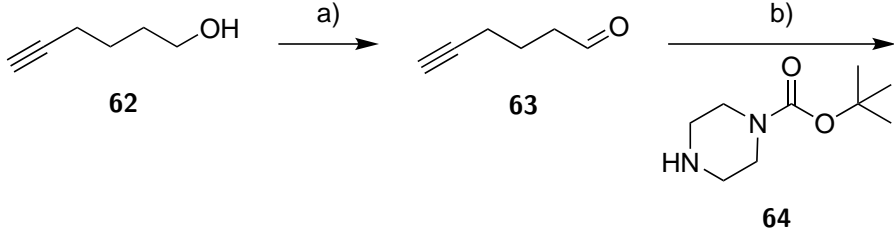


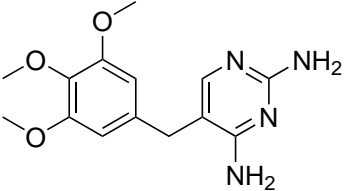




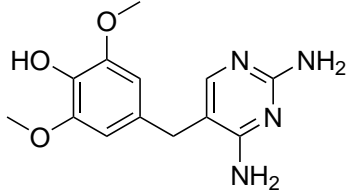
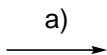




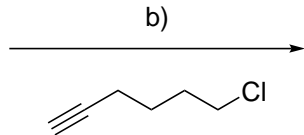




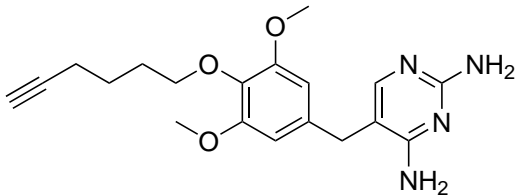
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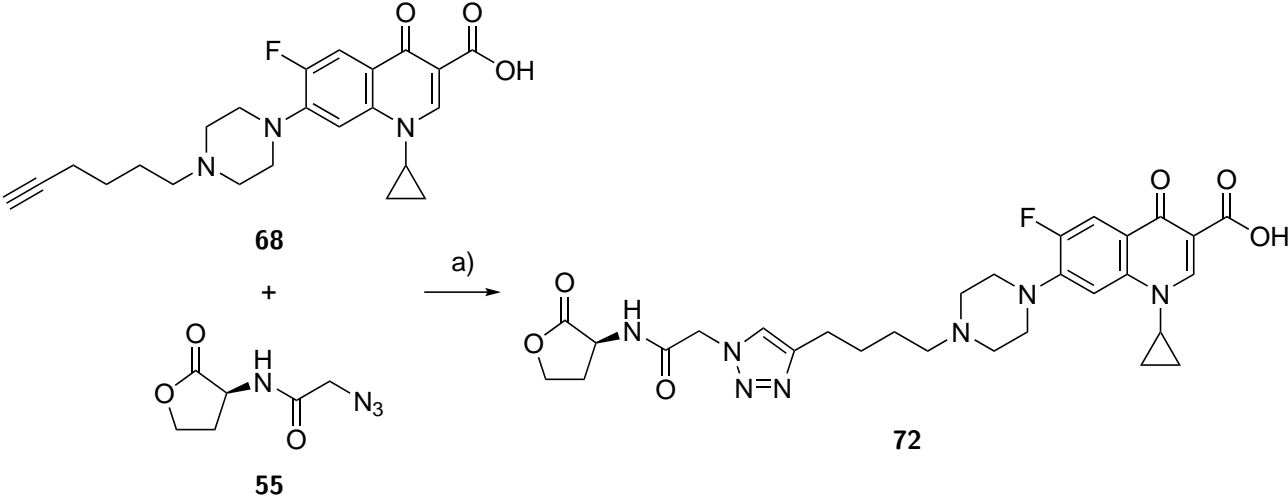
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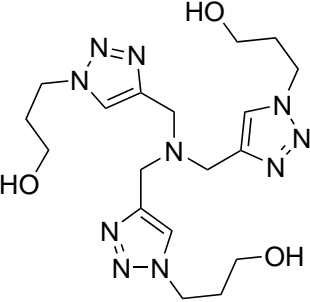


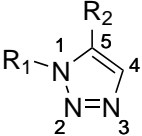
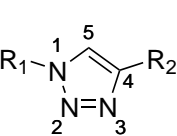
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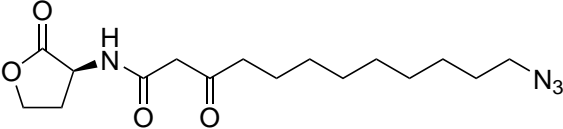


71

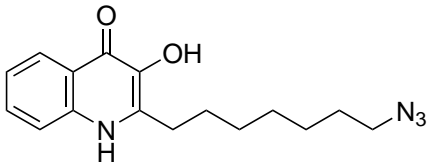




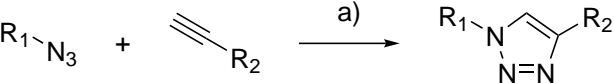


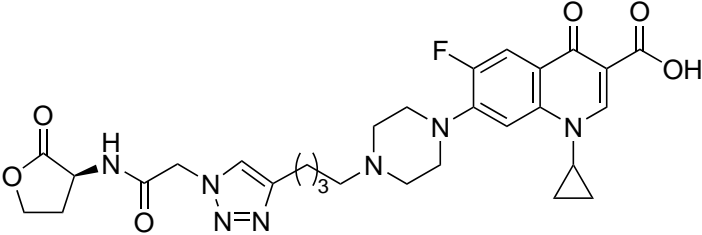


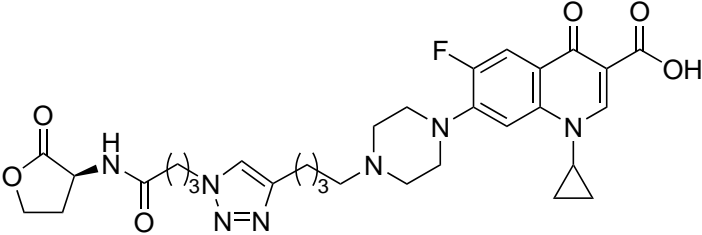
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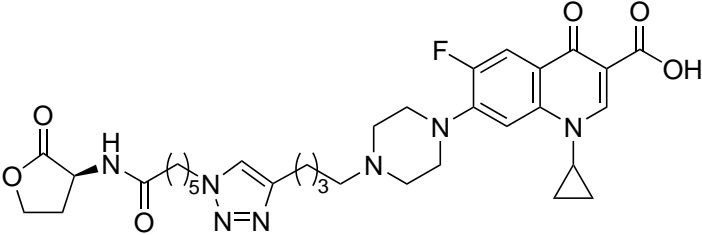


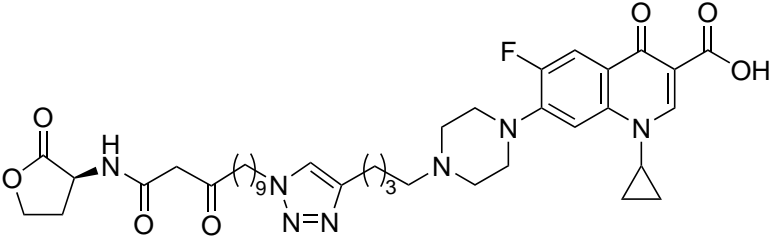
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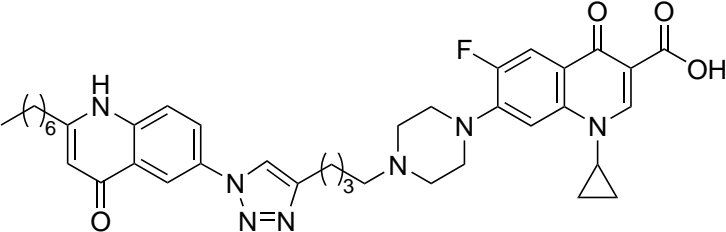


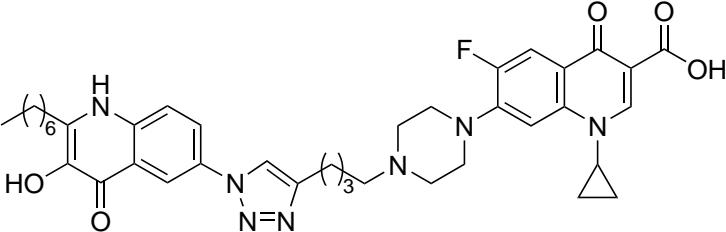


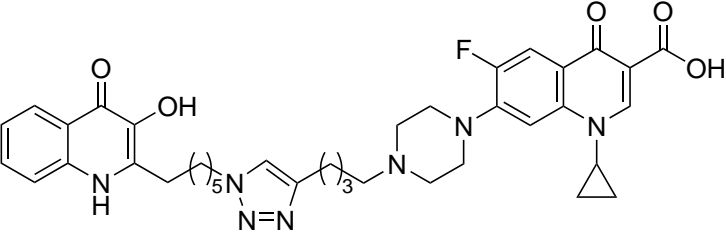


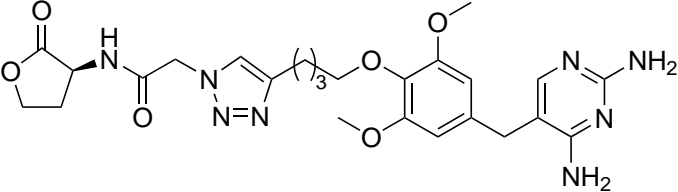


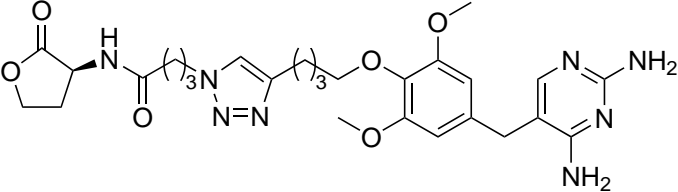


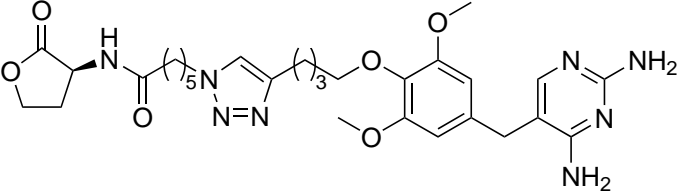


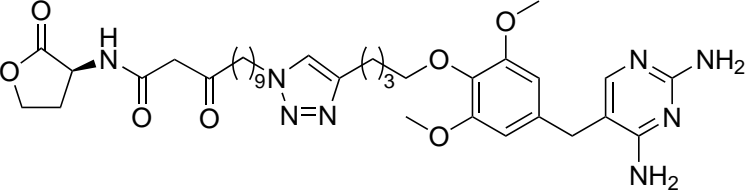


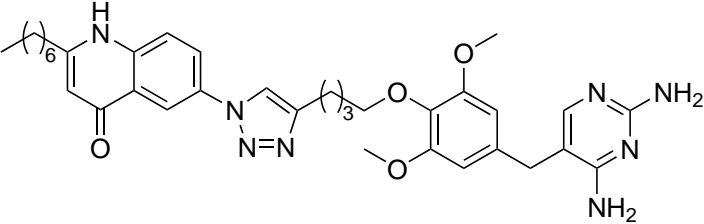


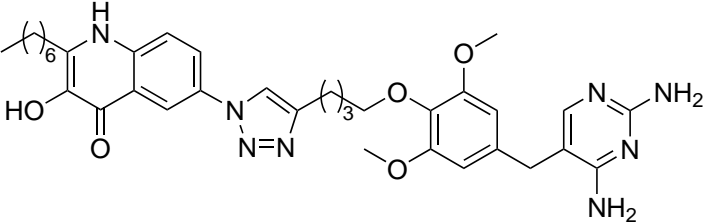


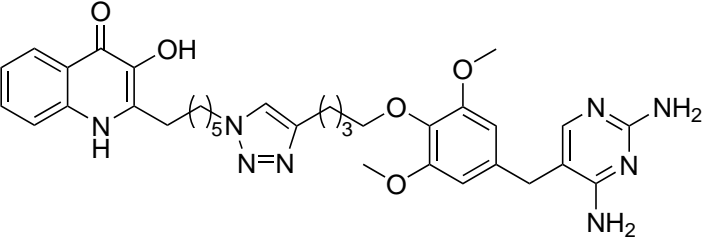


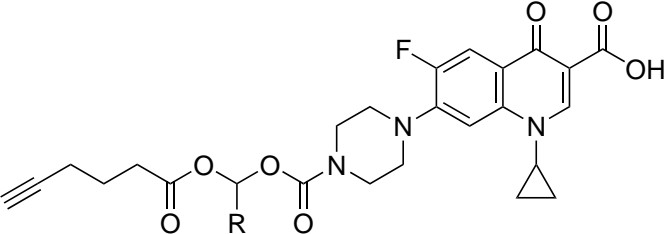






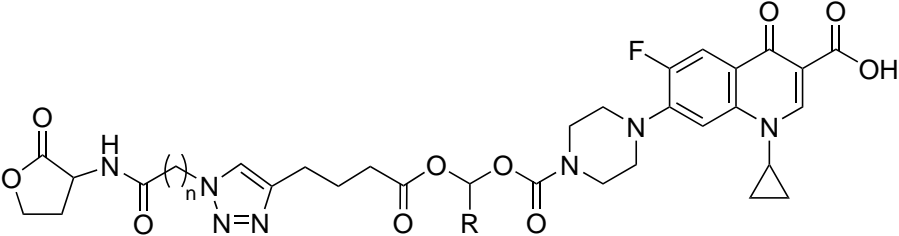






$R = H$ **90**

$R = Me$ **91**



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

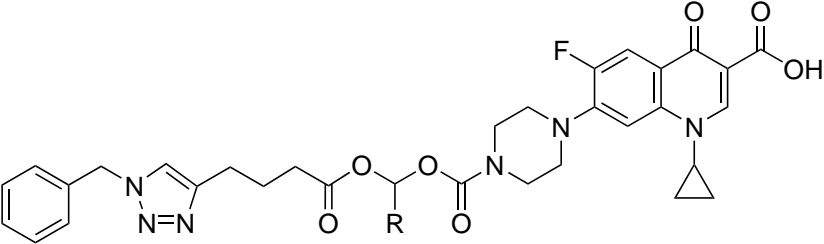
$n = 3, \text{R} = \text{H}$ **93**

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

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

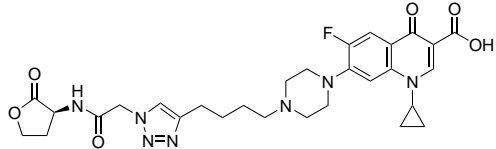
$n = 3, \text{R} = \text{Me}$ **96**

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

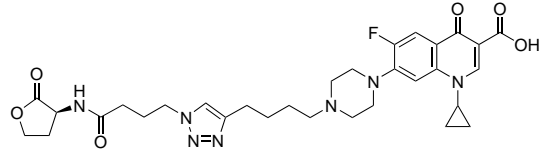


R = H 98

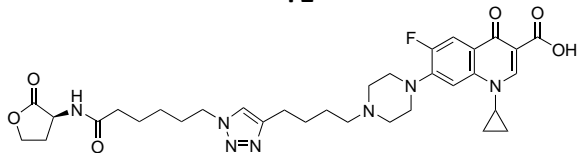
R = Me 99



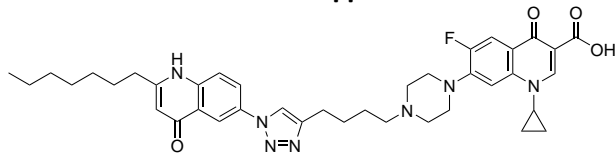
72



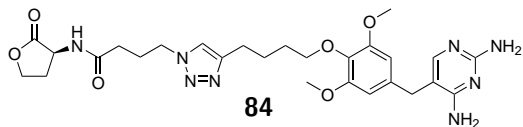
77



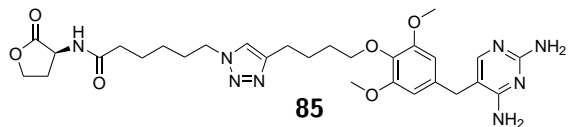
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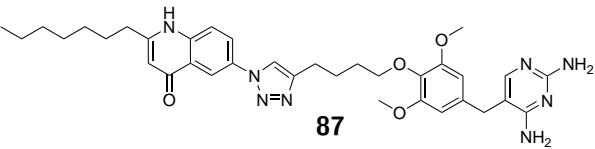
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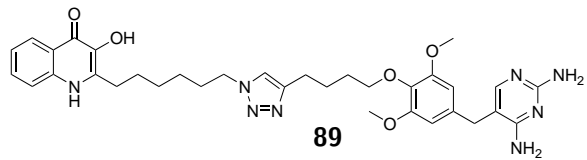
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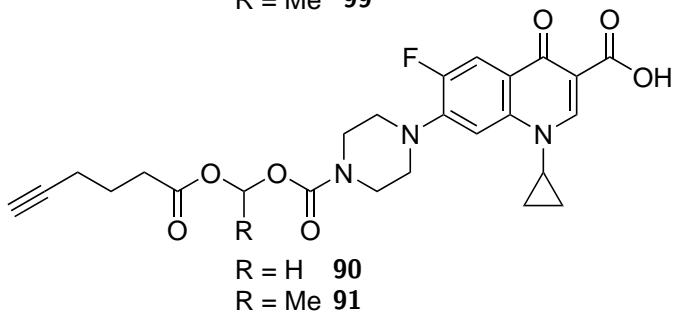
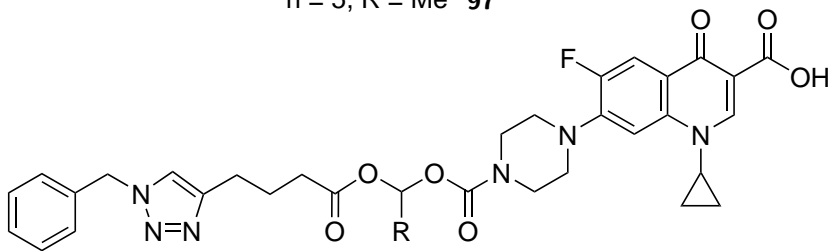
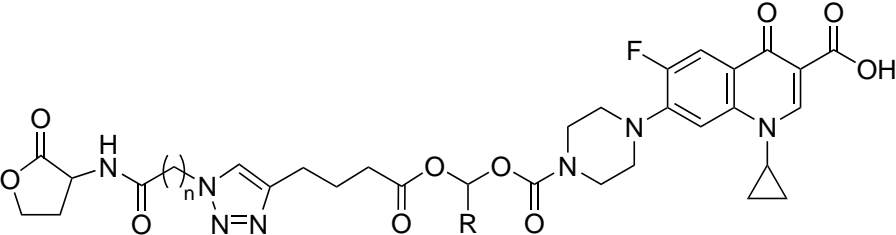
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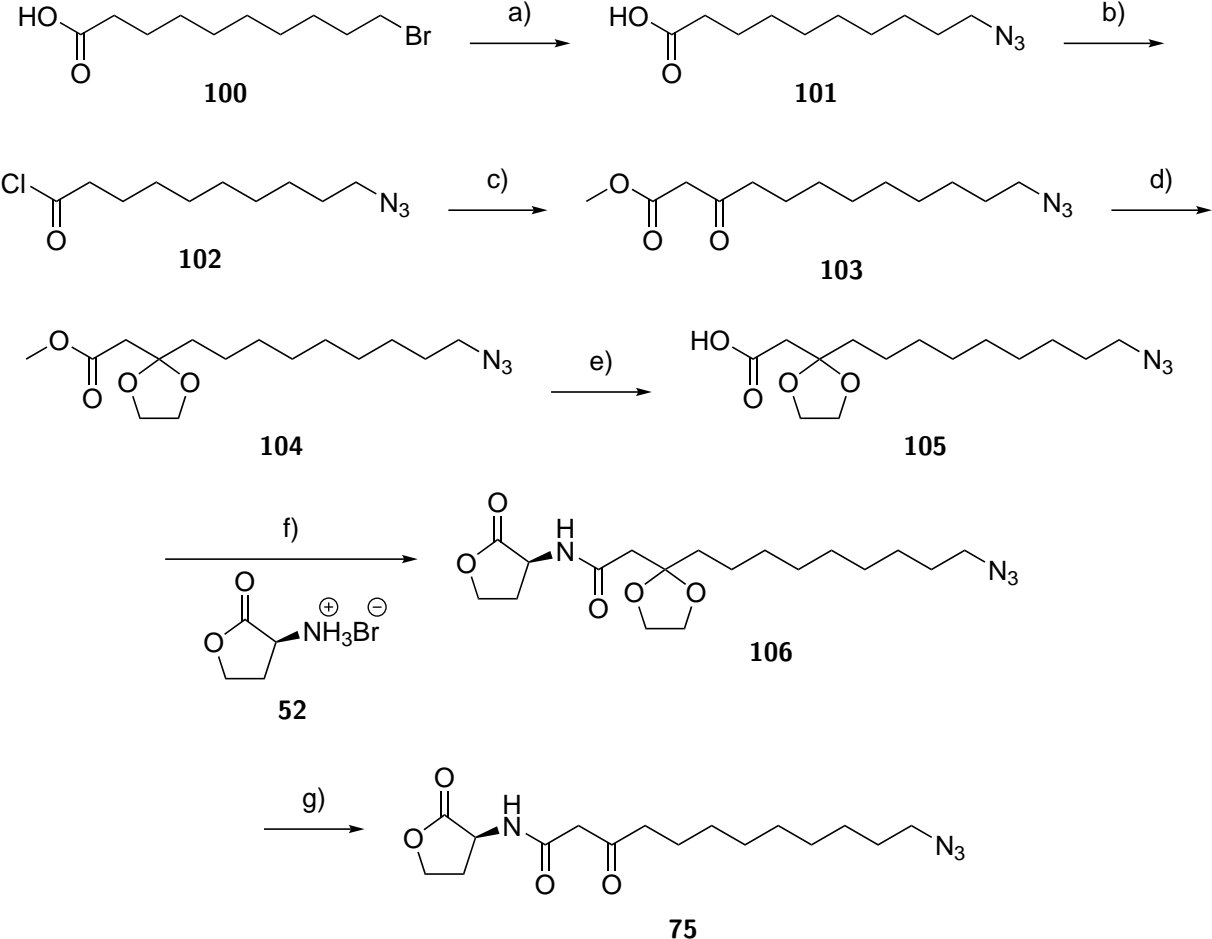


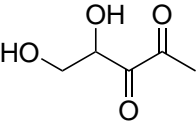
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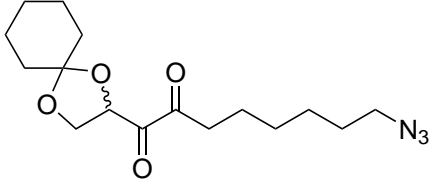
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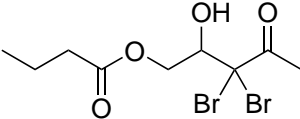




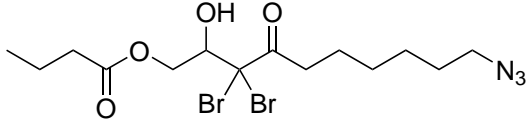
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23



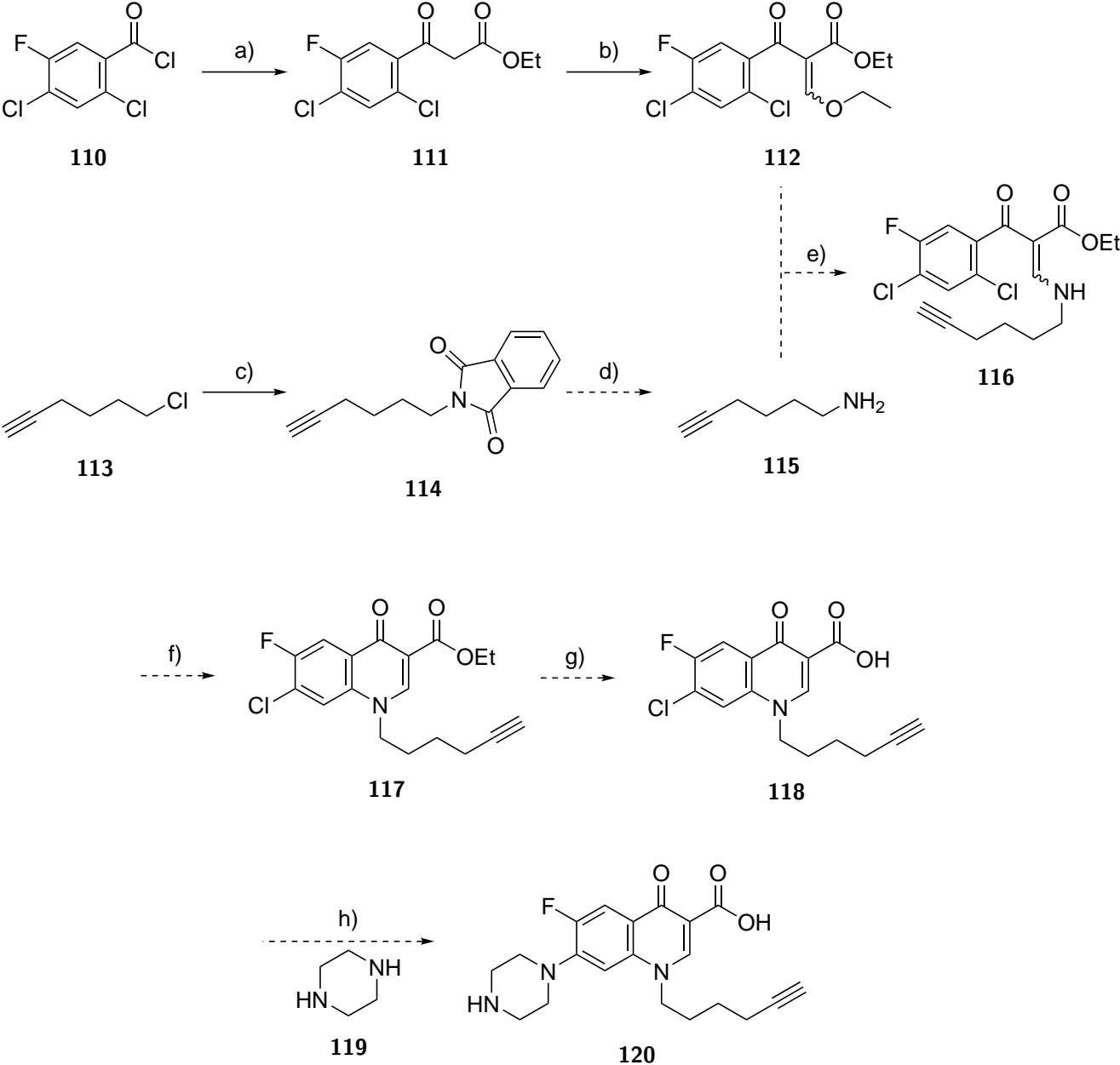
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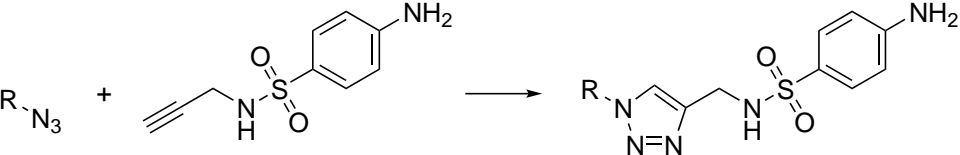


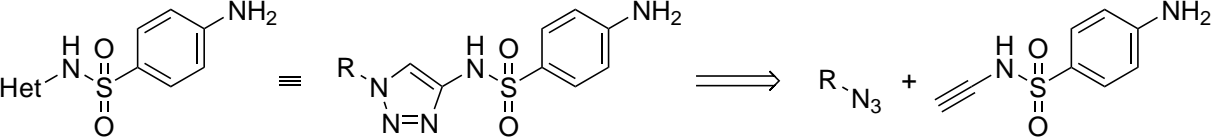
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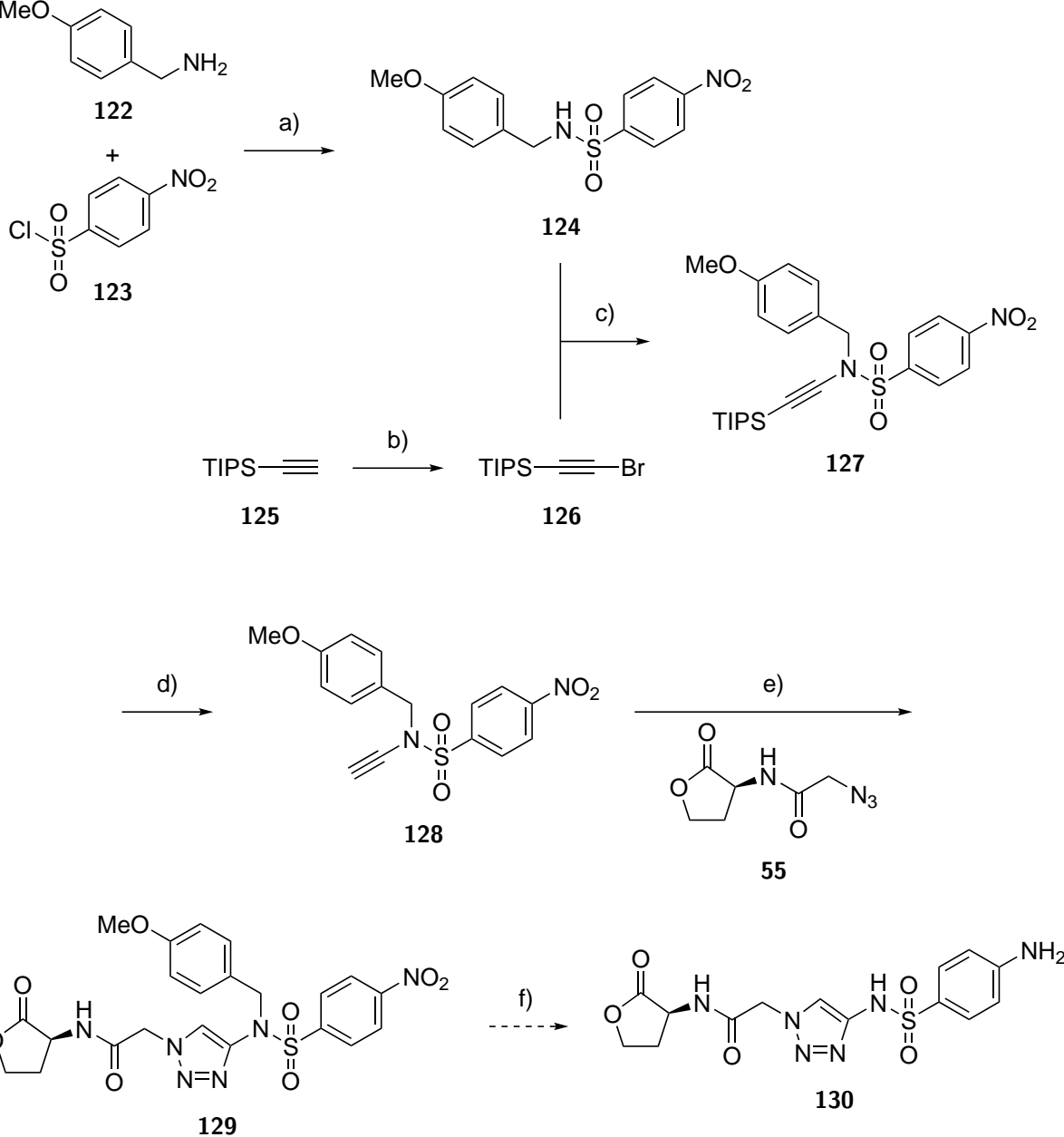


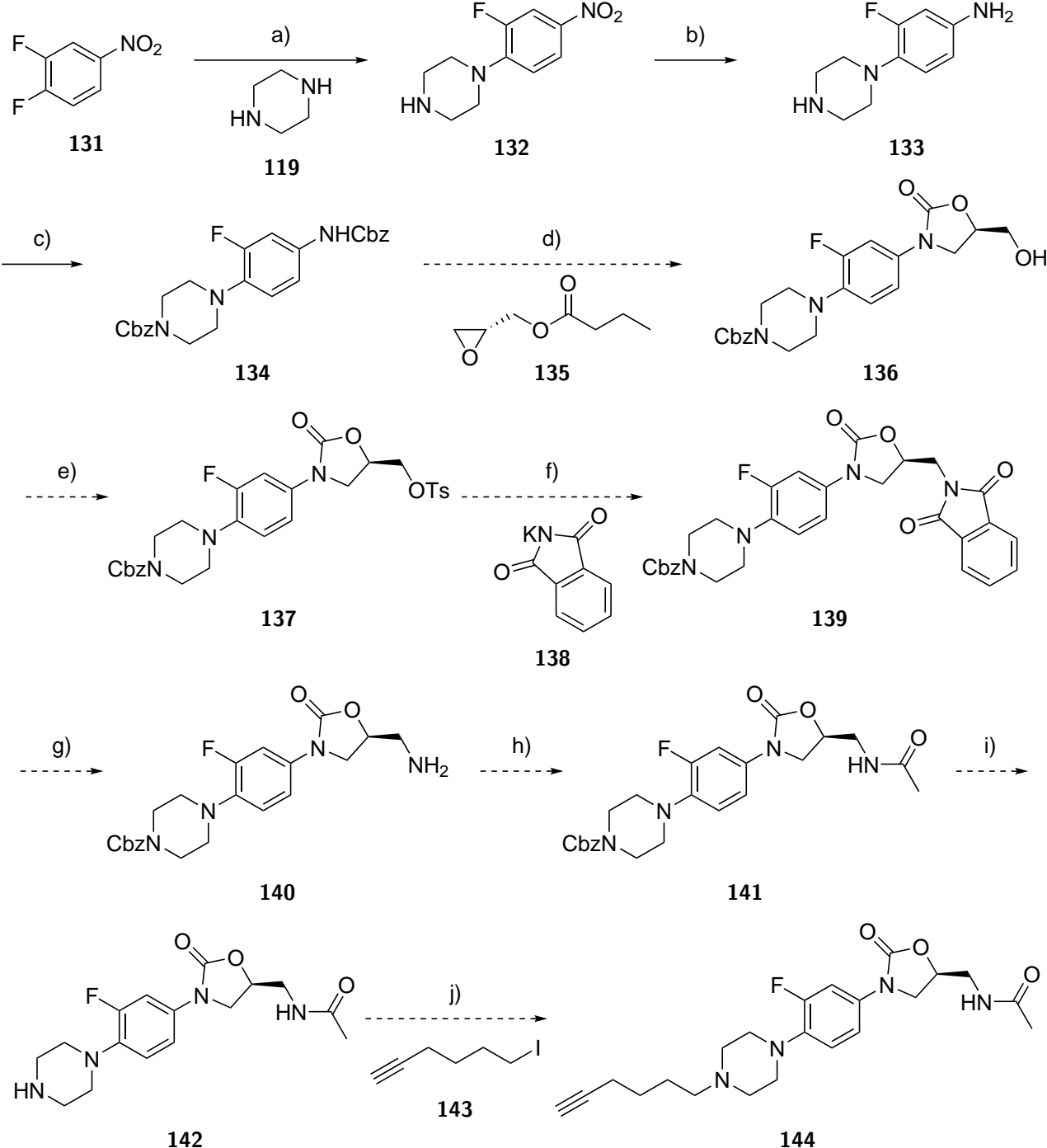
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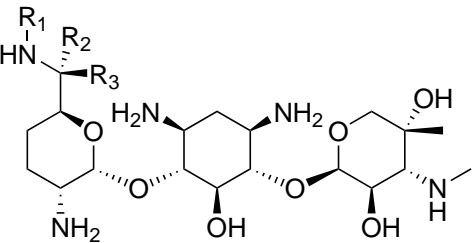




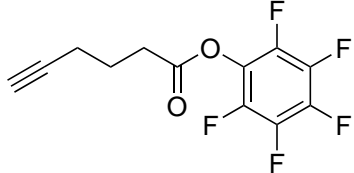






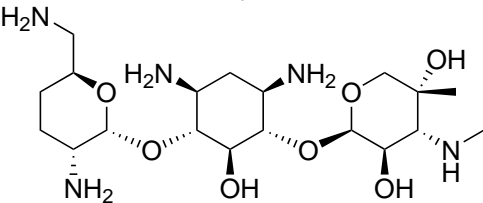


Gentamicin	R_1	R_2	R_3
C1	Me	Me	H
C1a	H	H	H
C2	H	Me	H
C2a	H	H	Me
C2b	Me	H	H

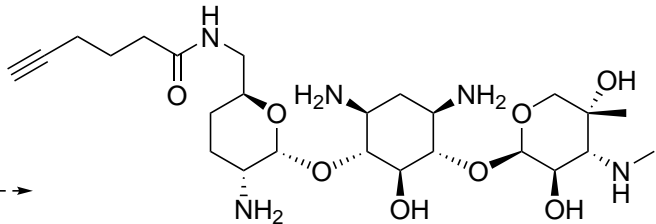
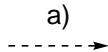


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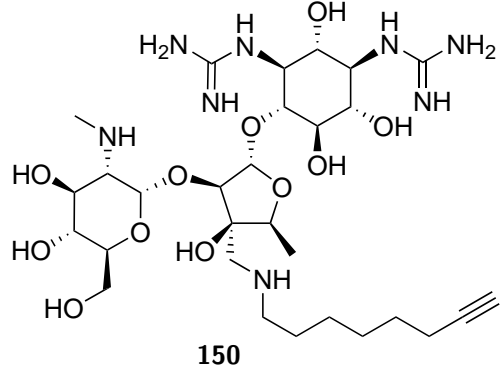
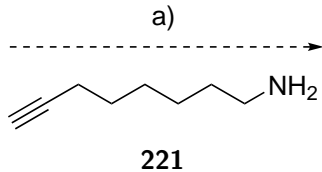
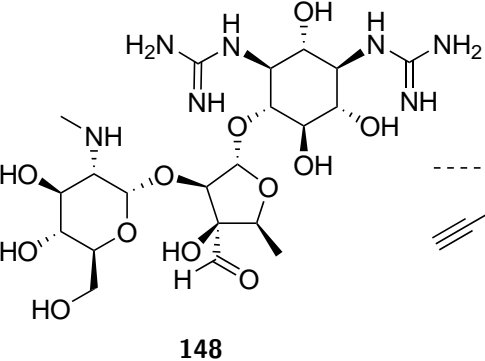
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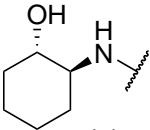
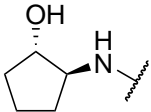
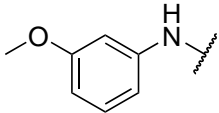
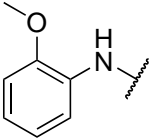
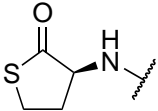


146

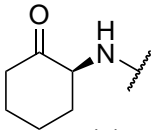


147



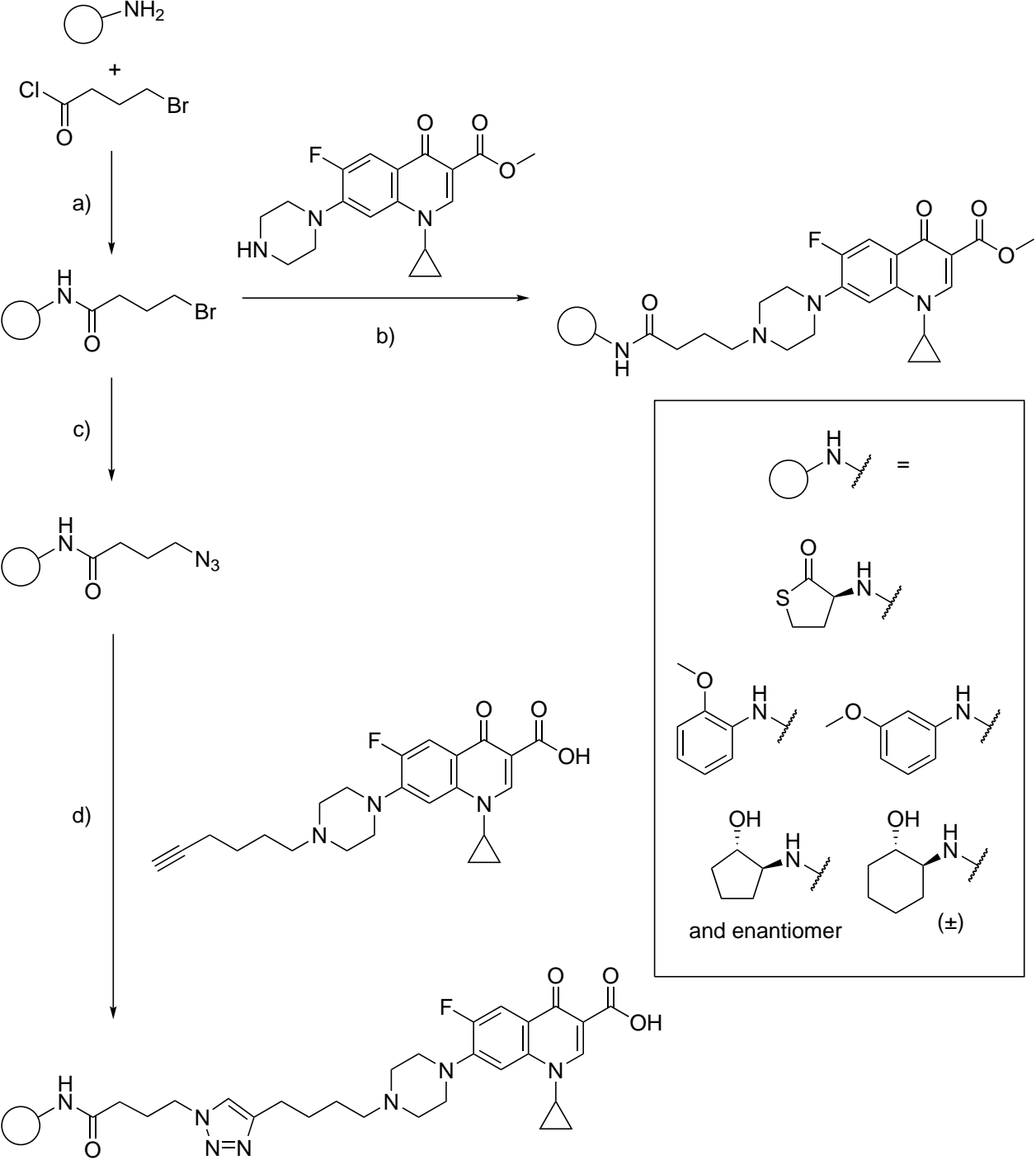


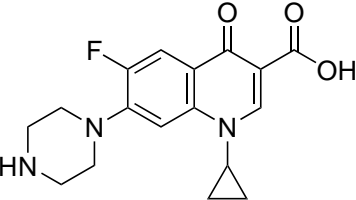
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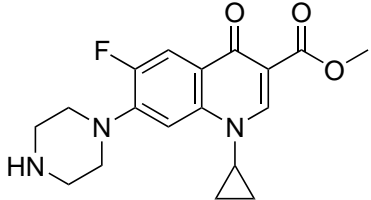
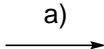
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and enantiomer

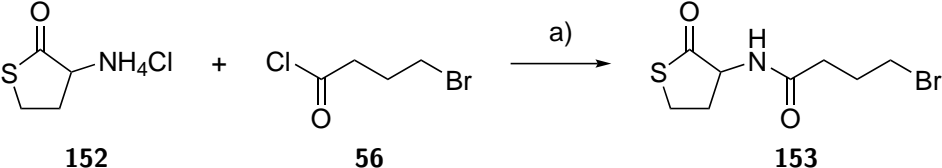


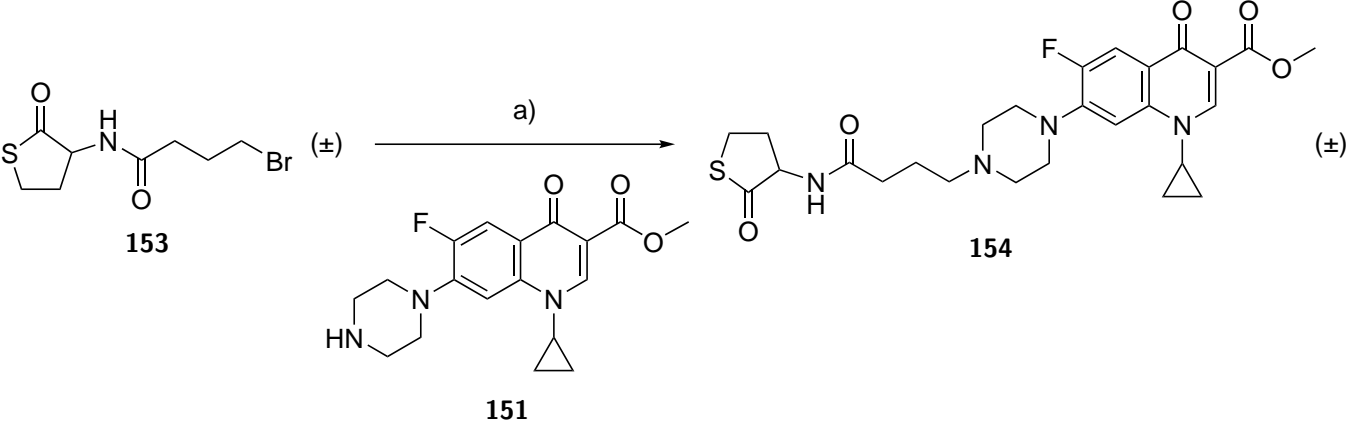


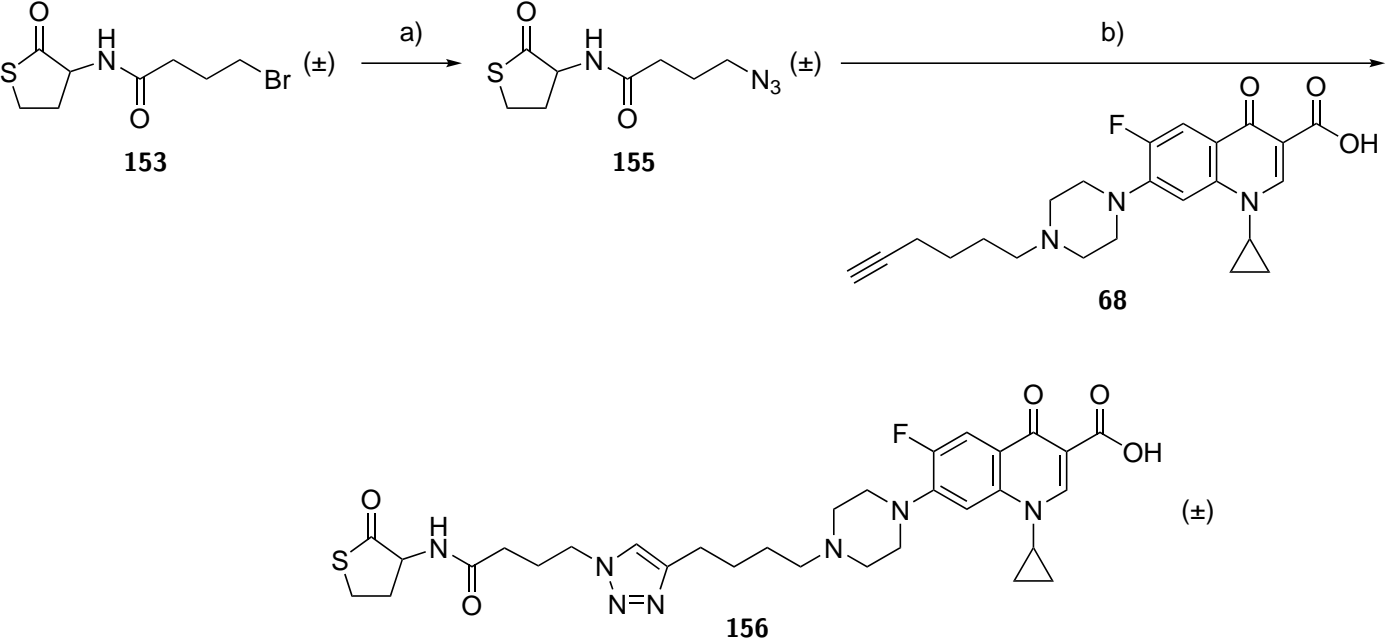
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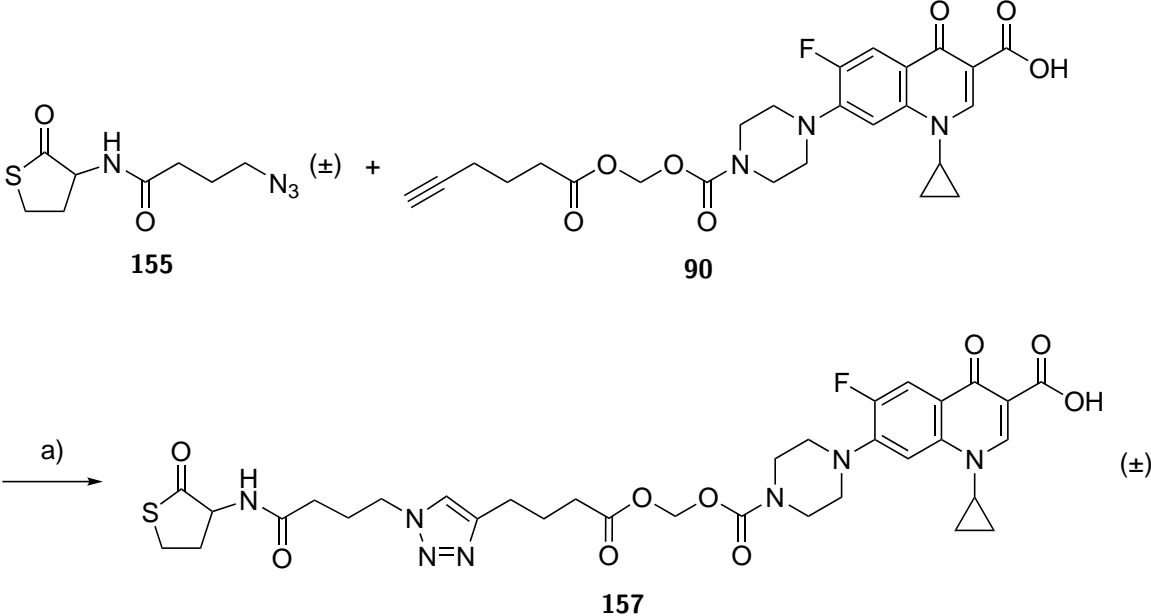


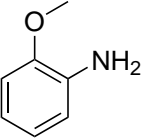
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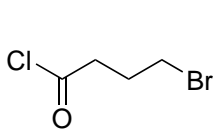






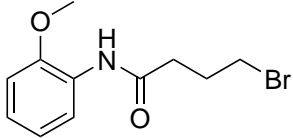
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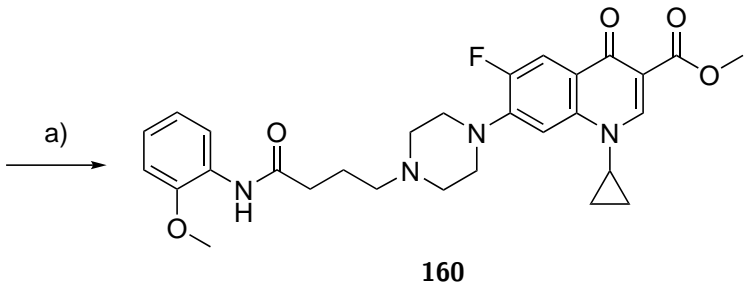
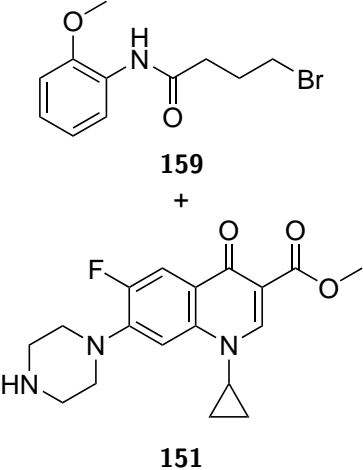


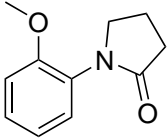
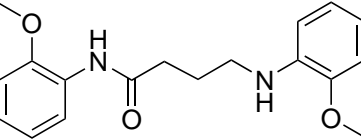
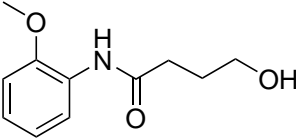
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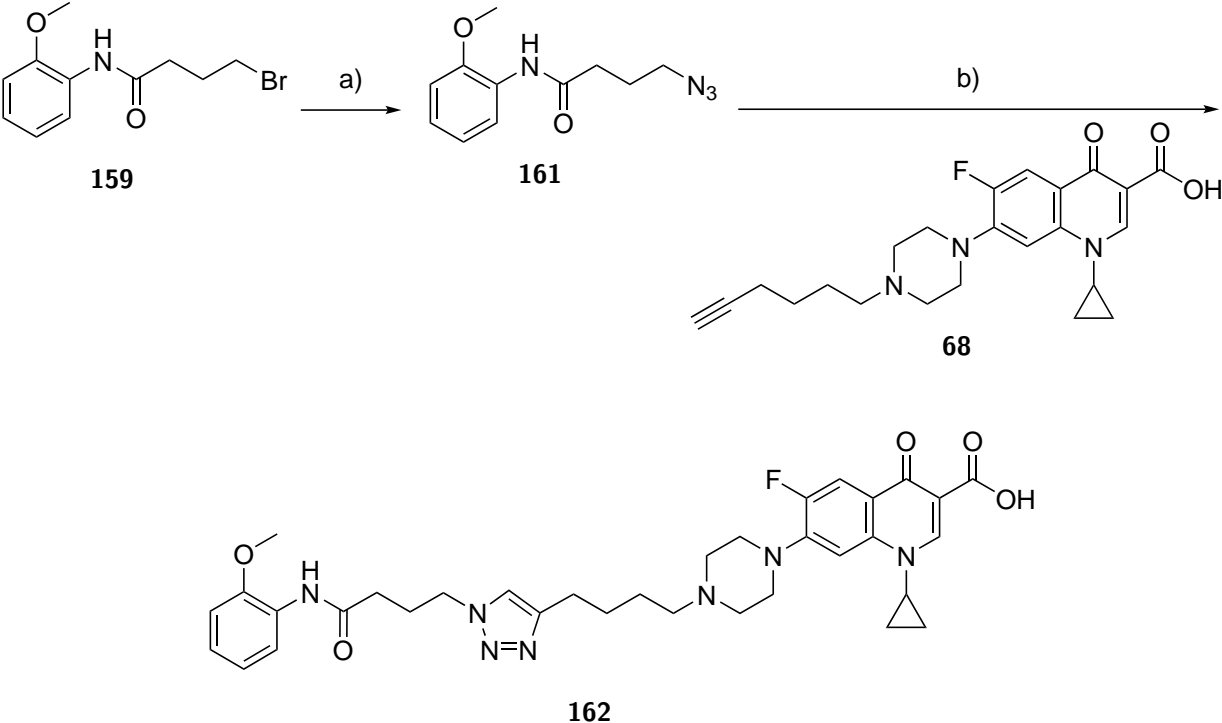
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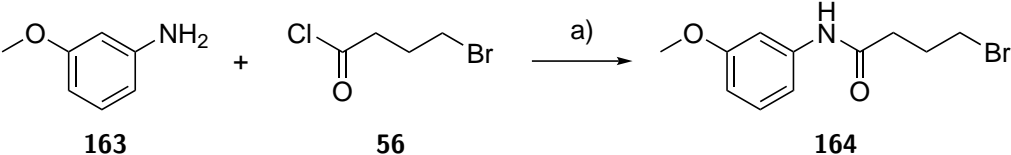


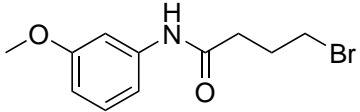
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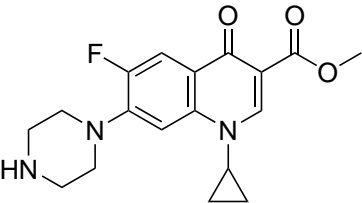




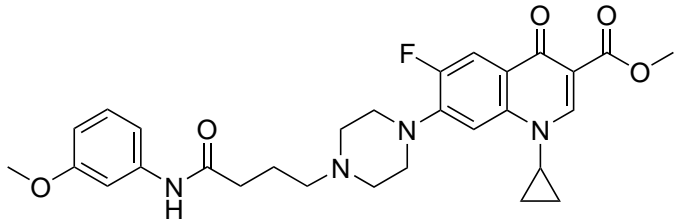
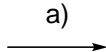


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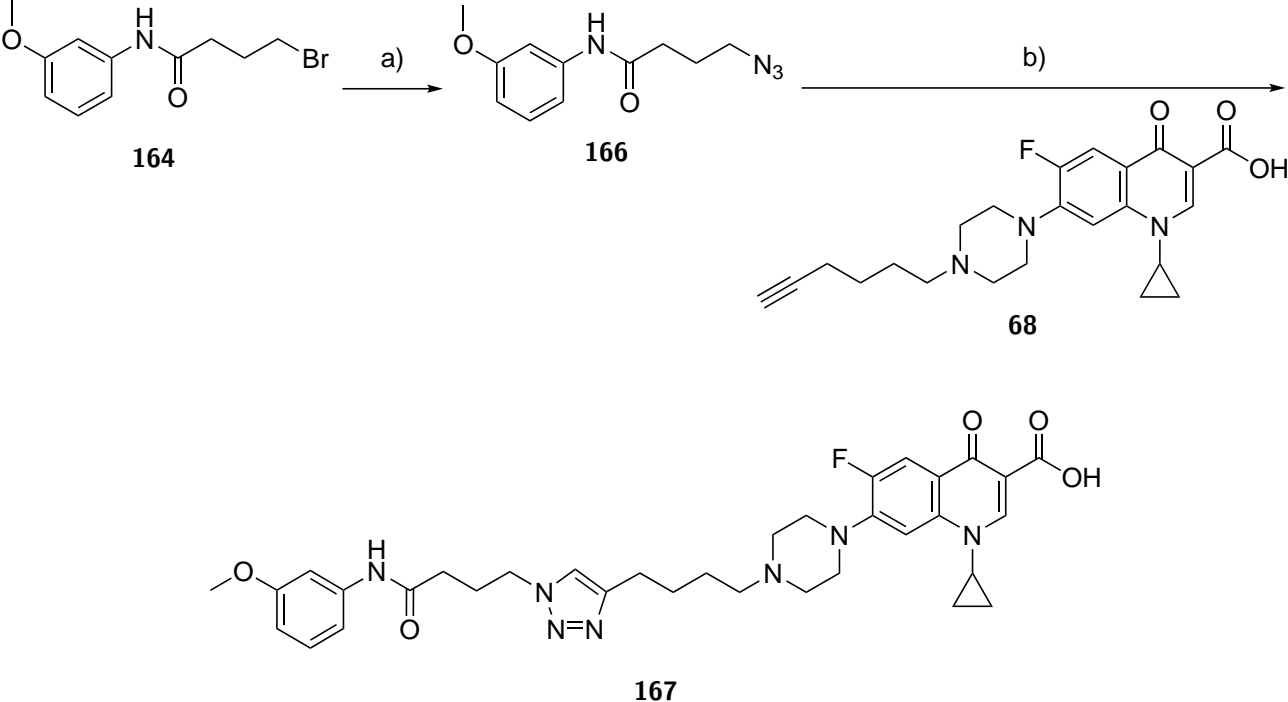
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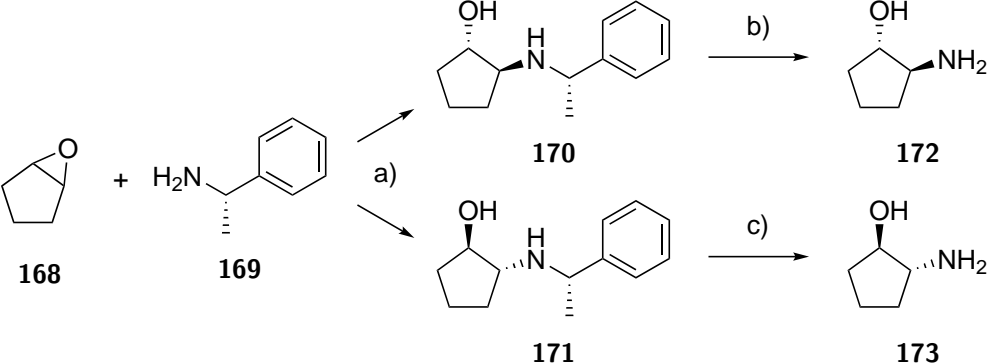


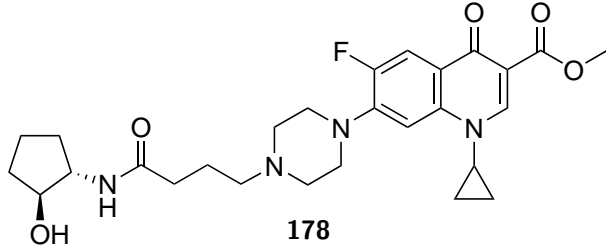
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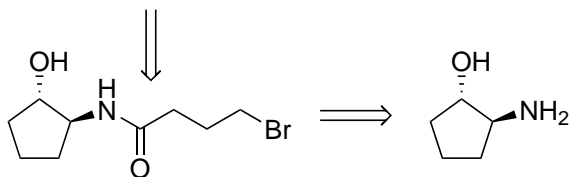
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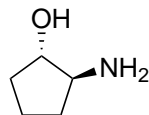




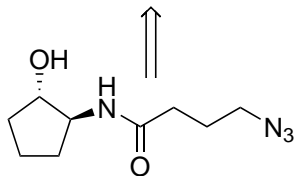
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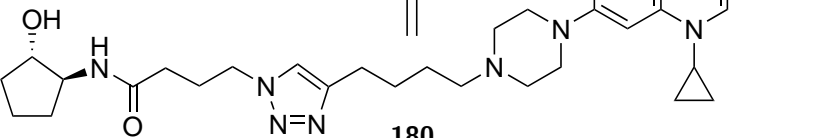
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175



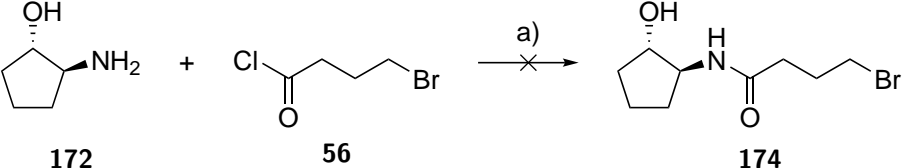
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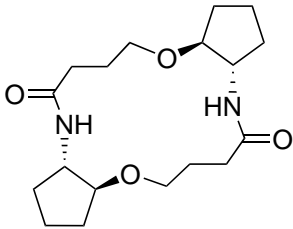
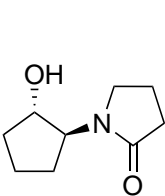
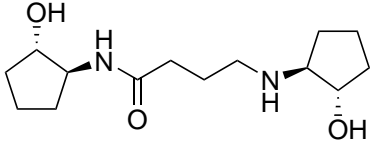


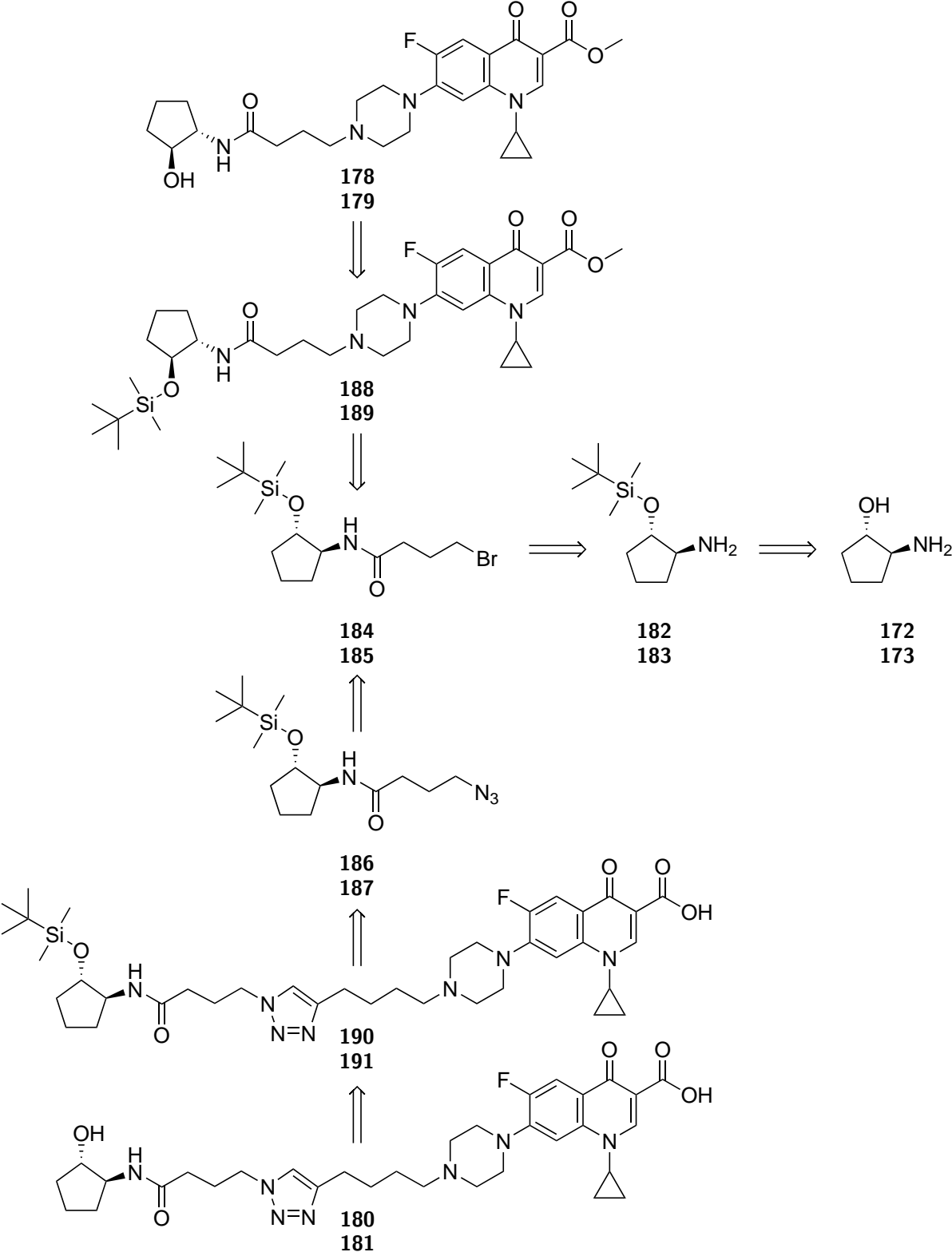
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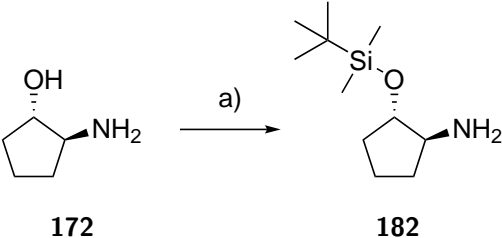


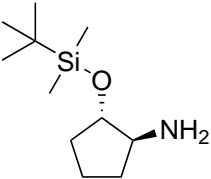
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181





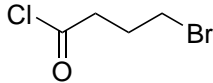




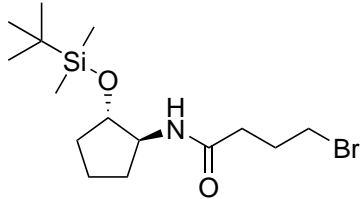
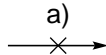


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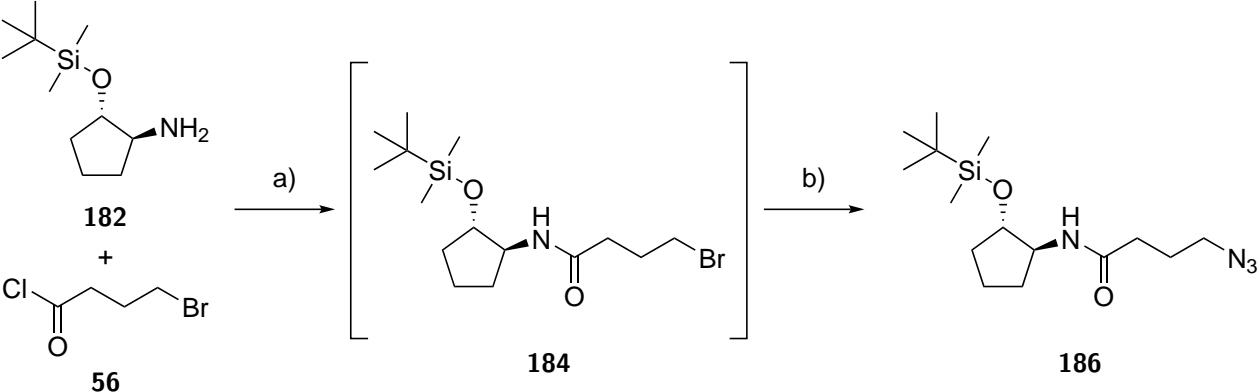
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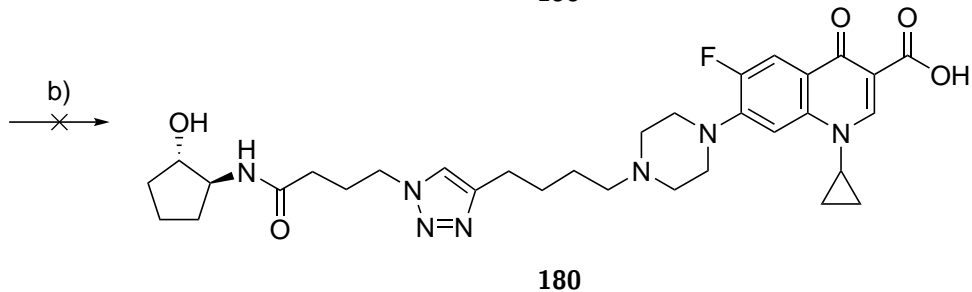
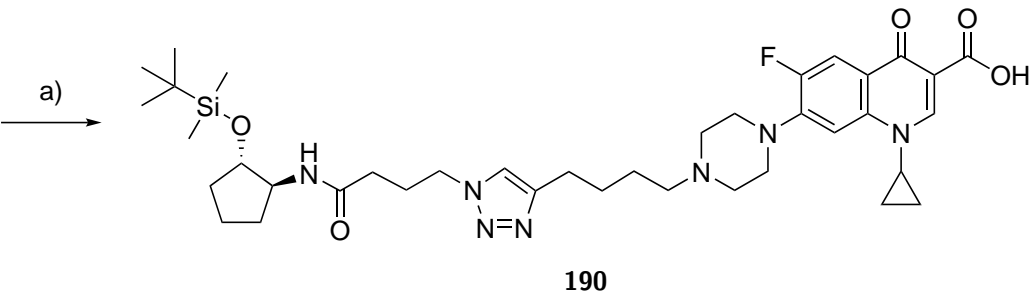
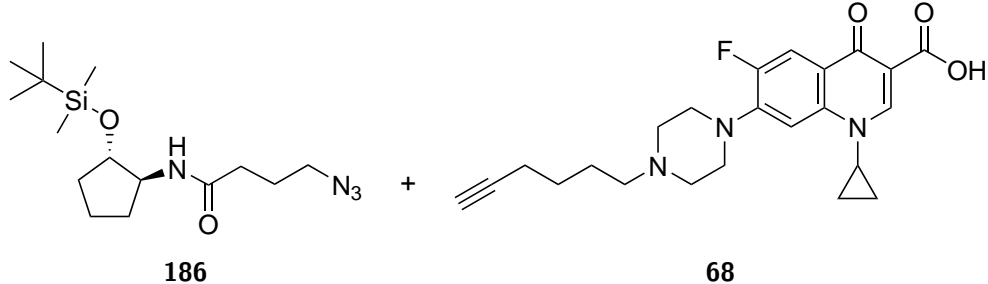


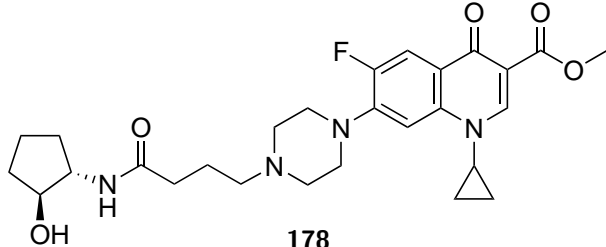
56



184

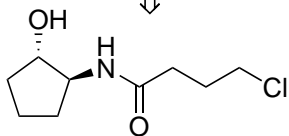






178

179



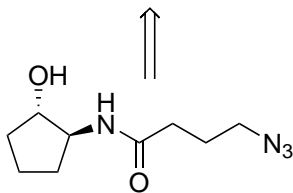
193

194



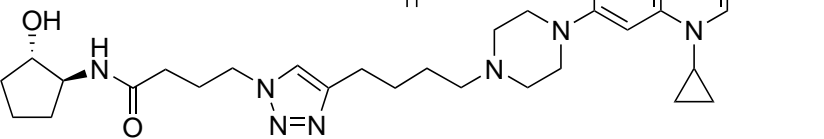
172

173



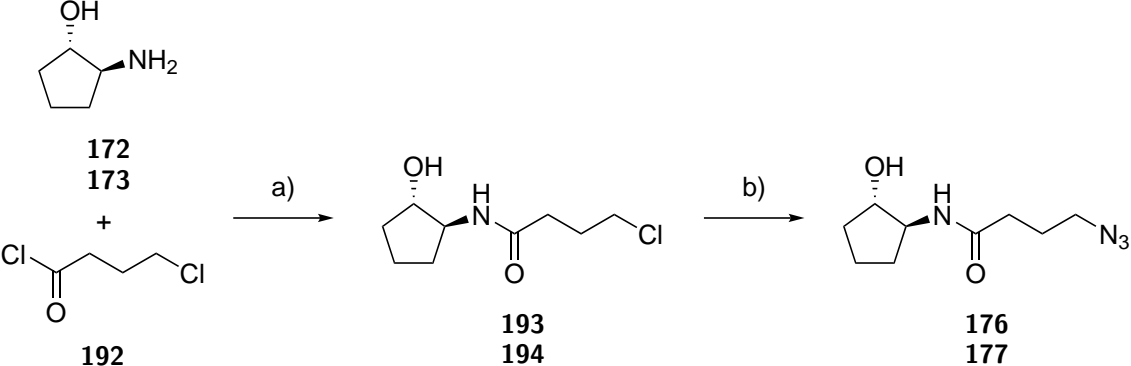
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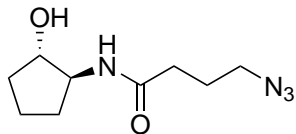
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180

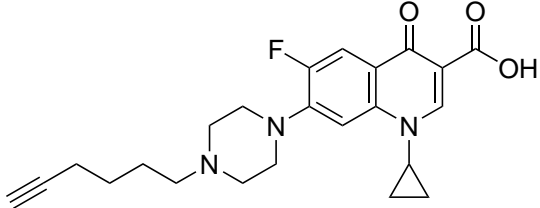
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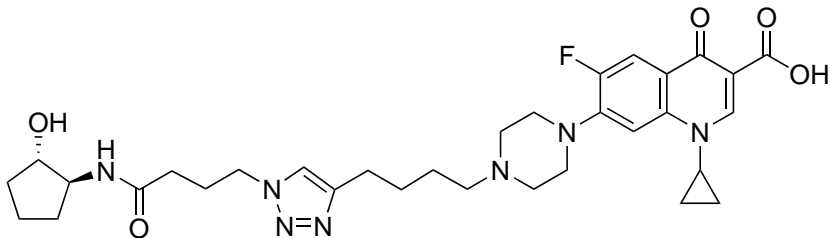
176
177

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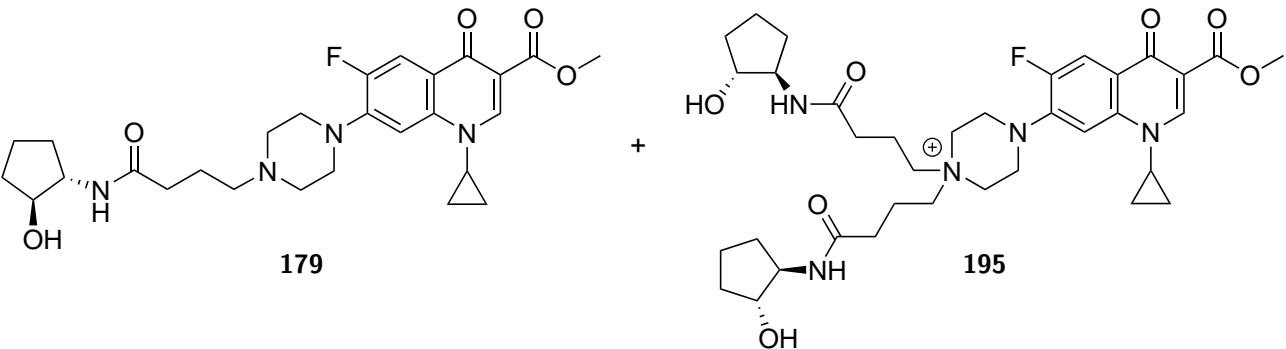
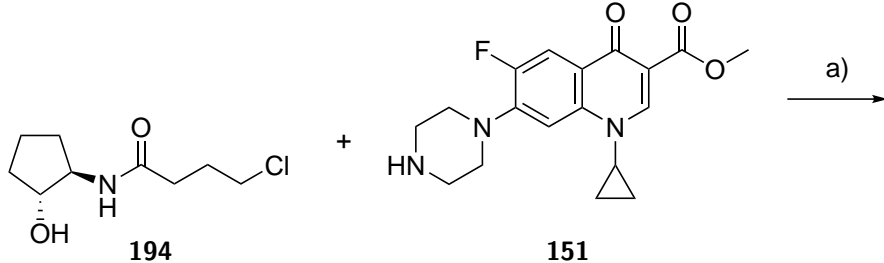


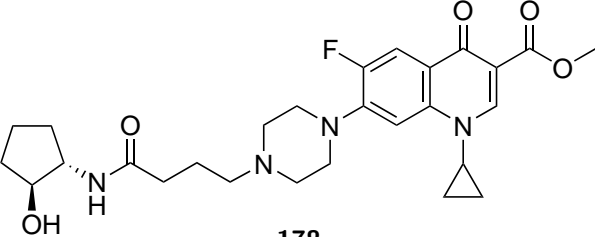
68

a)



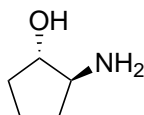
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181





178

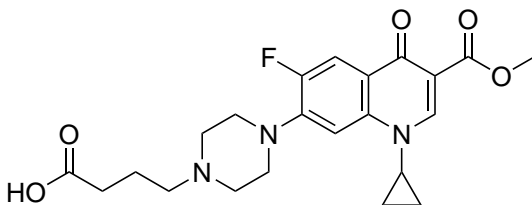
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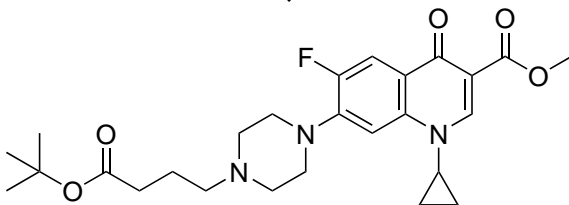
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173

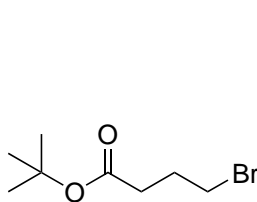
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198

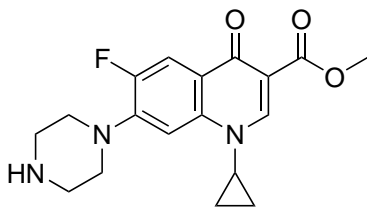


197

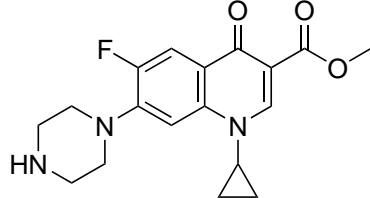


196

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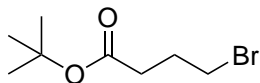


151



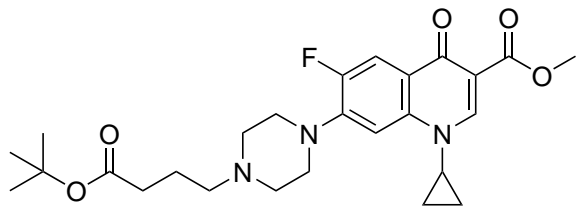
151

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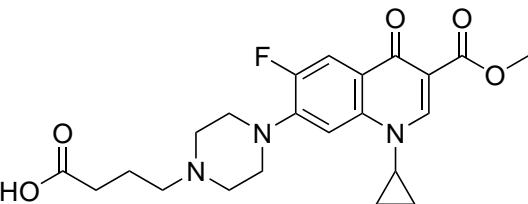
196

a)



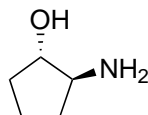
197

b)



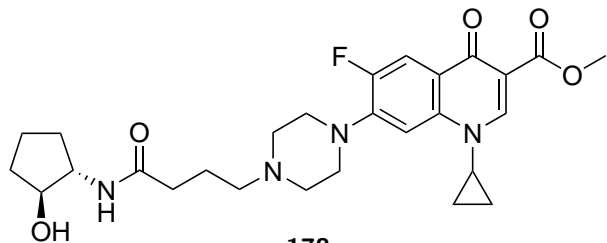
198

c)



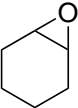
172

173

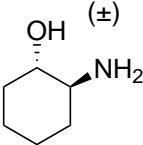
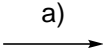


178

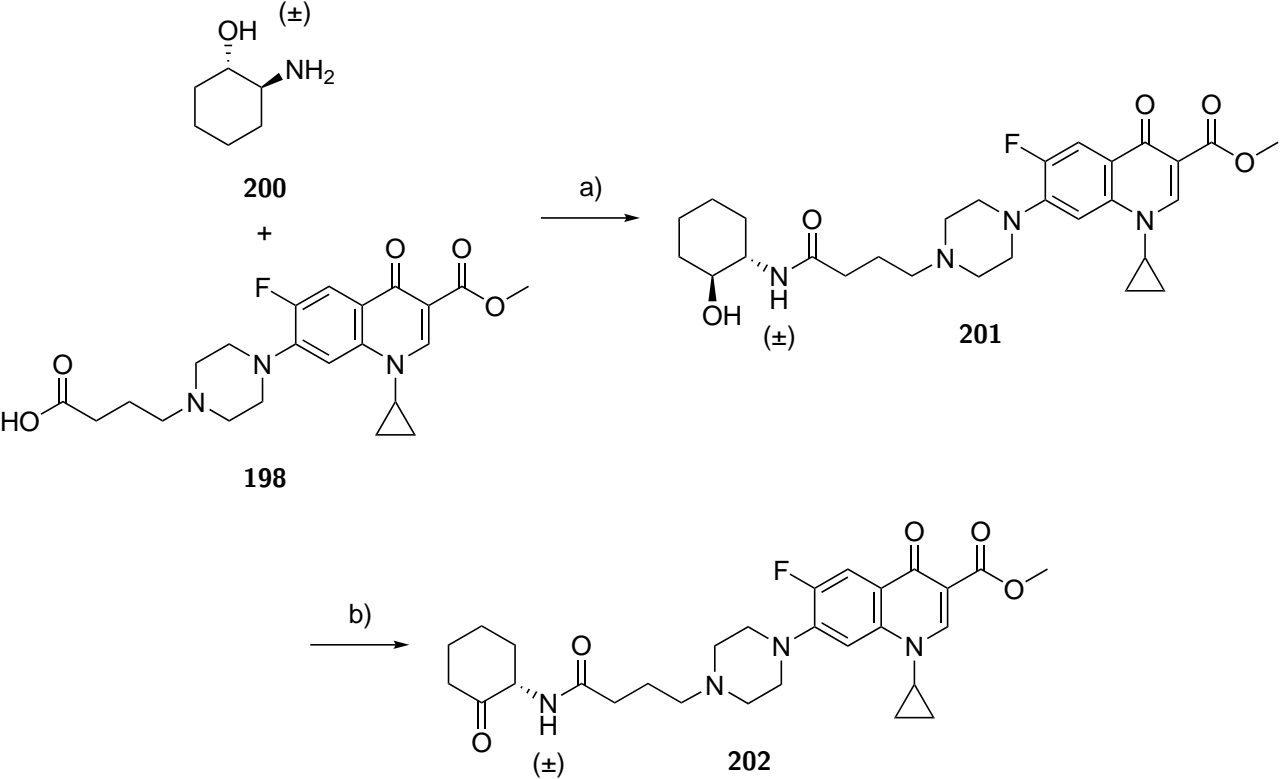
179

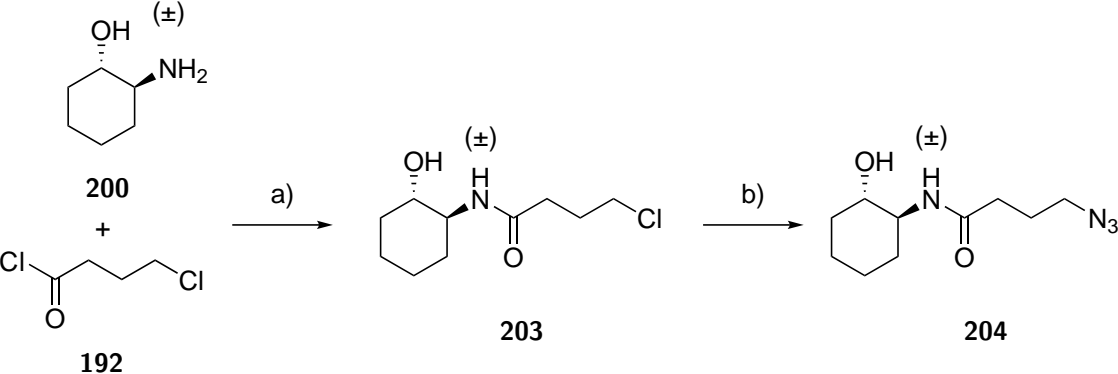


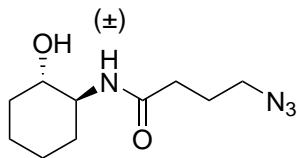
199



200

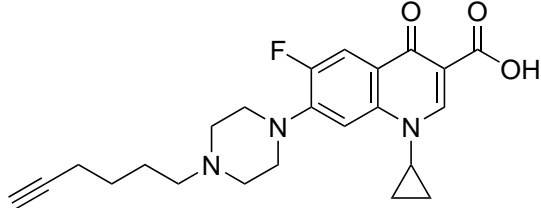






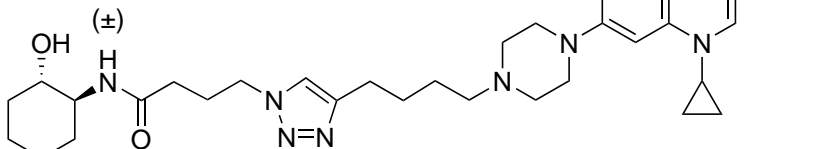
204

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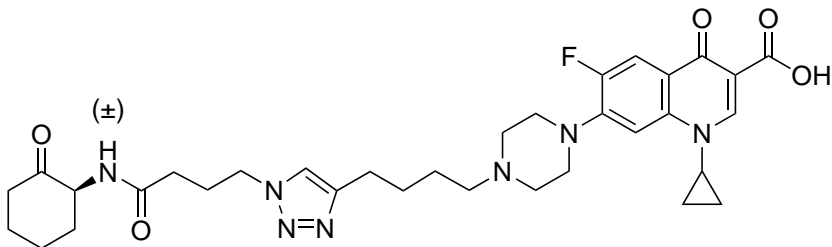
68

a)

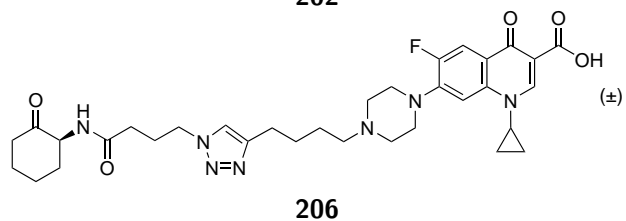
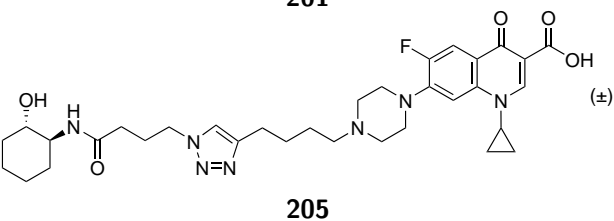
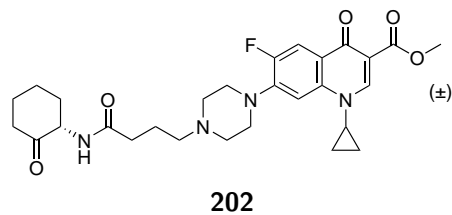
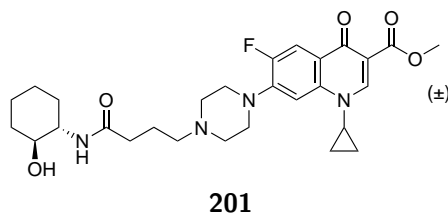
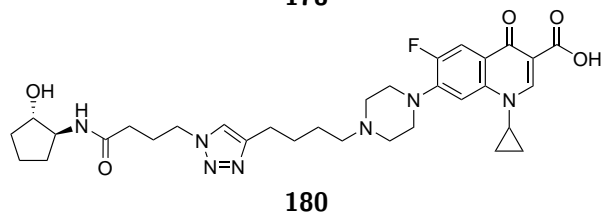
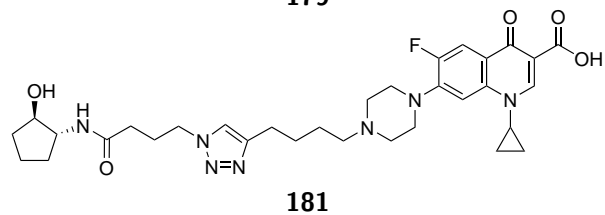
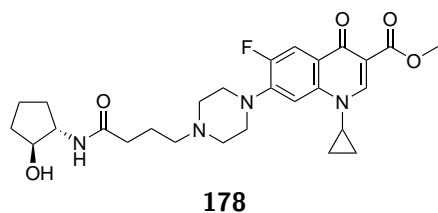
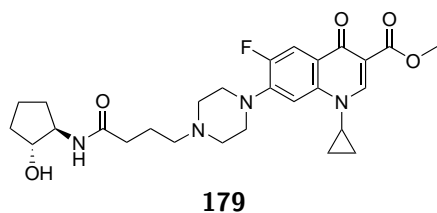
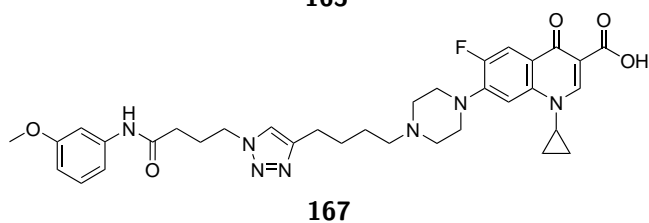
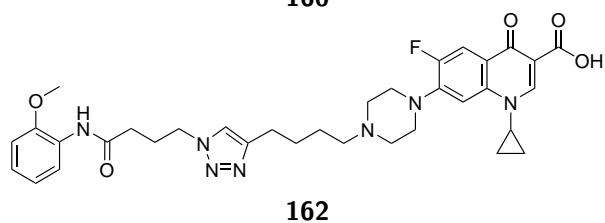
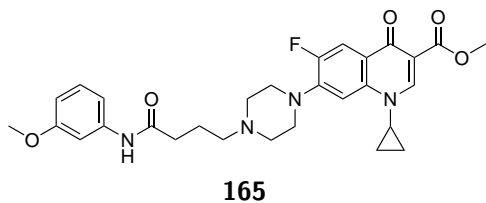
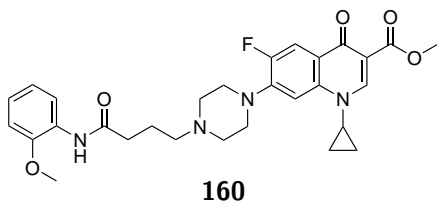
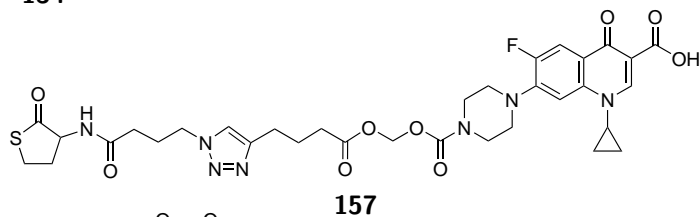
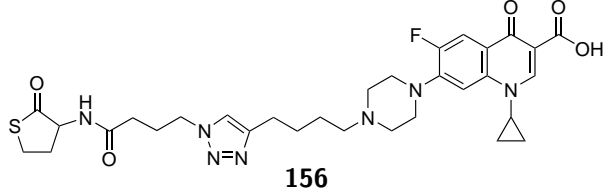
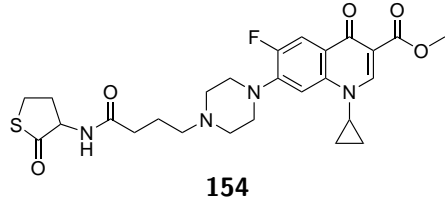


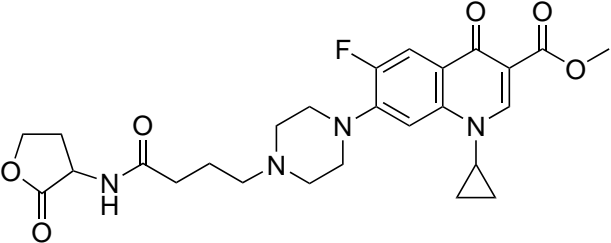
205

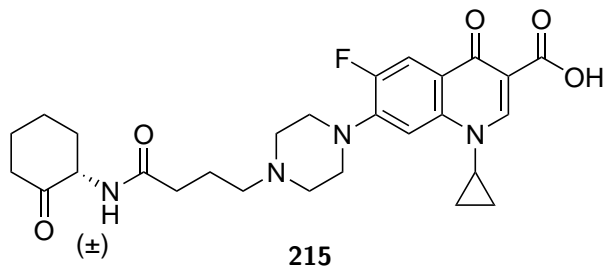
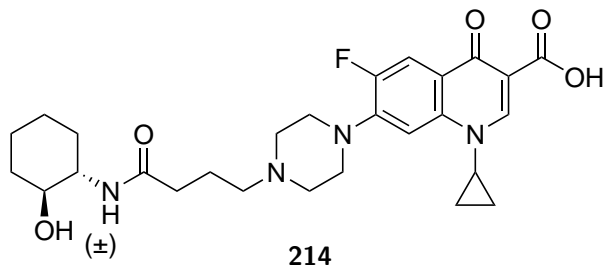
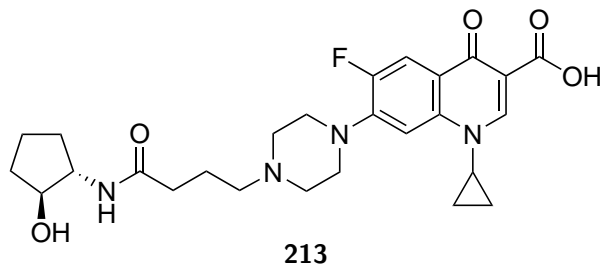
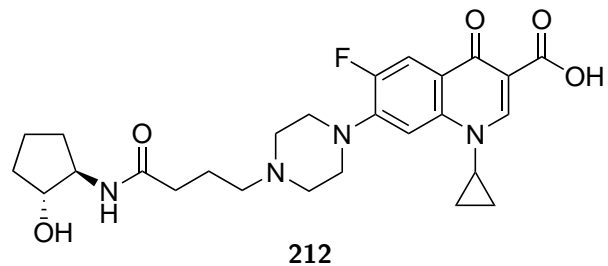
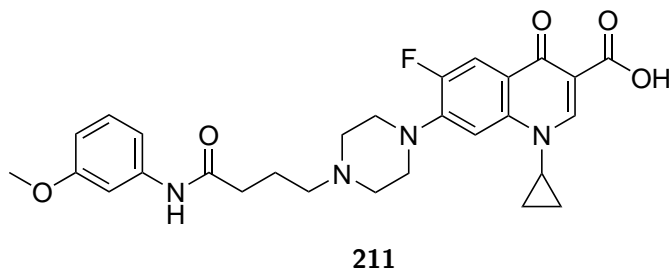
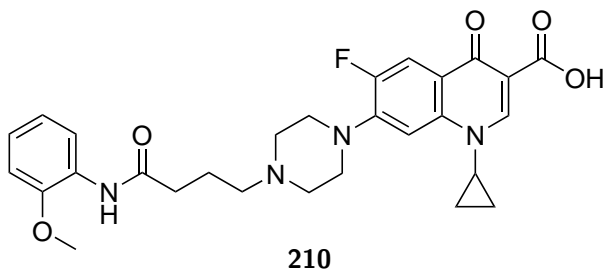
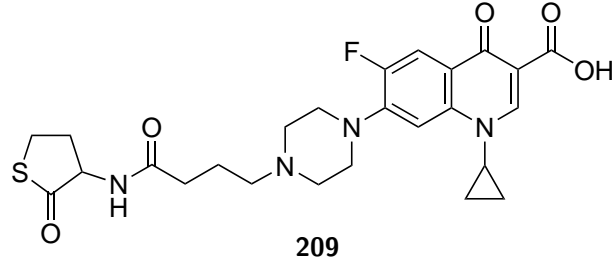
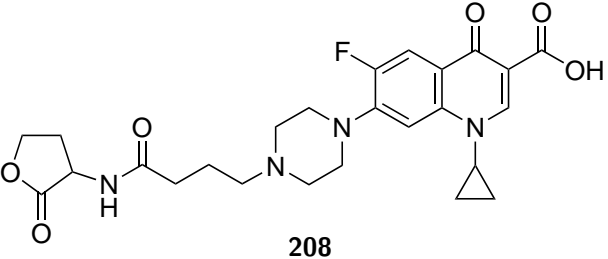
b)

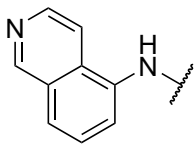
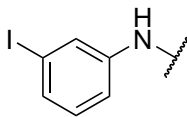
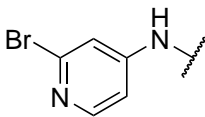
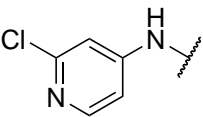
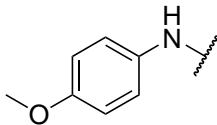
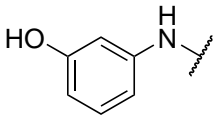
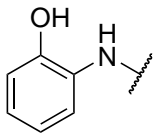
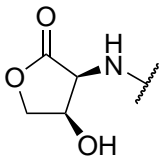
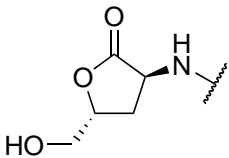
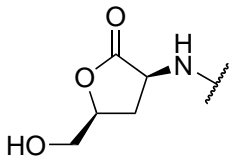
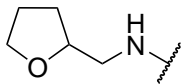
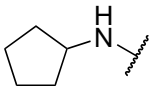
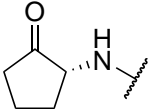
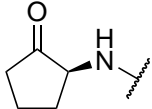


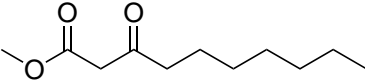
206



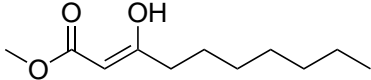




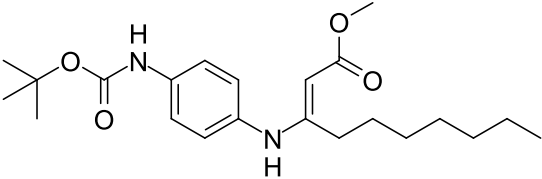


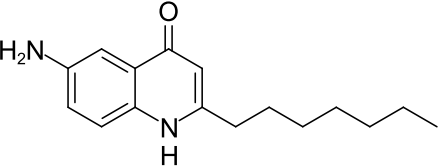


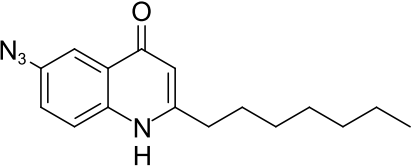
33
92 %

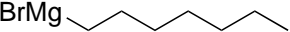


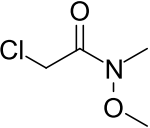
34
8 %

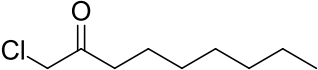


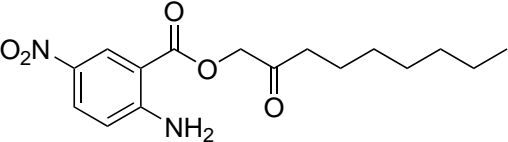


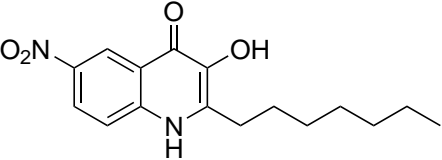


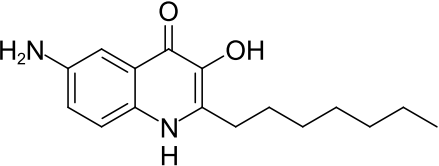


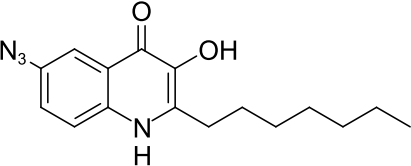


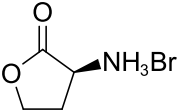


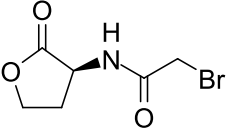


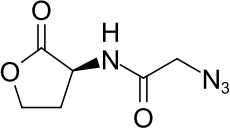


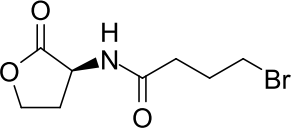


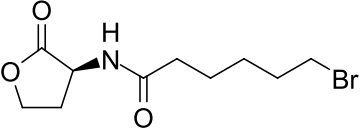


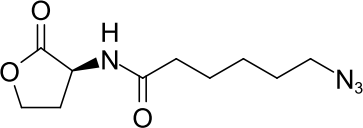


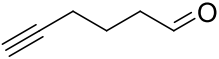


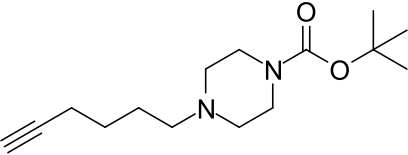


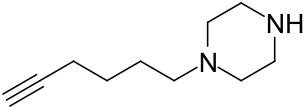


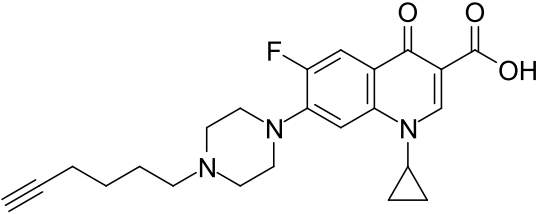


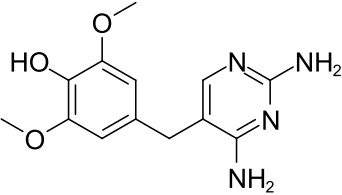


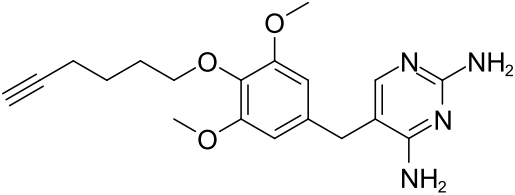


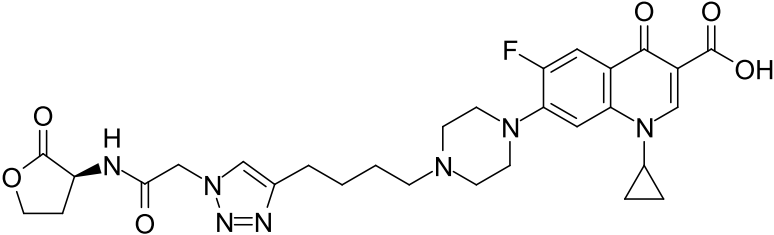


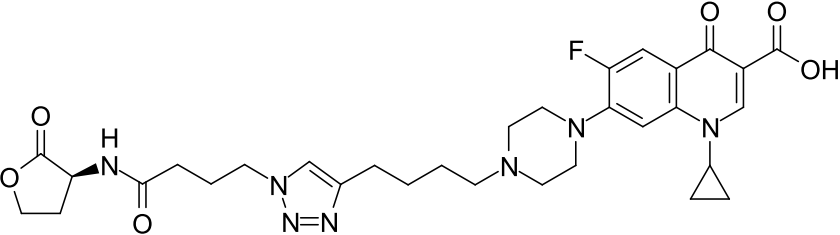


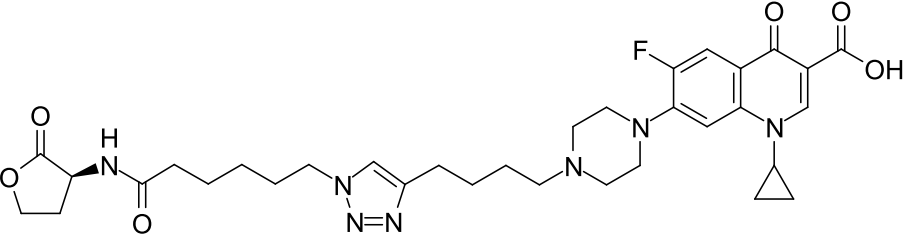


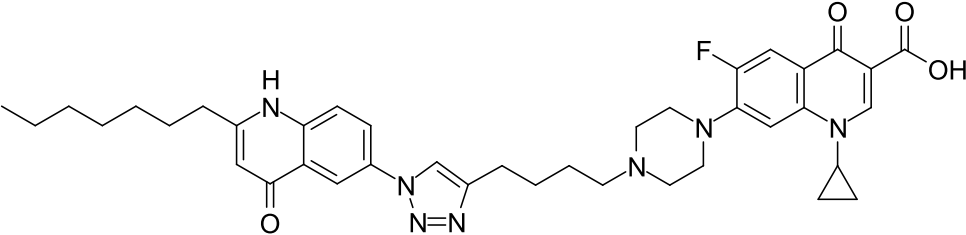


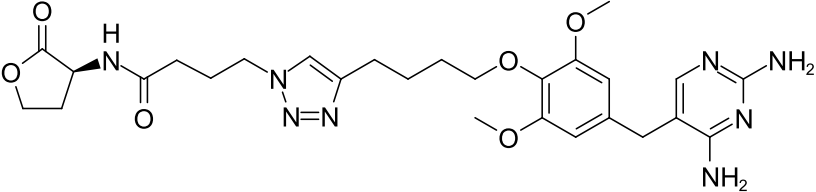


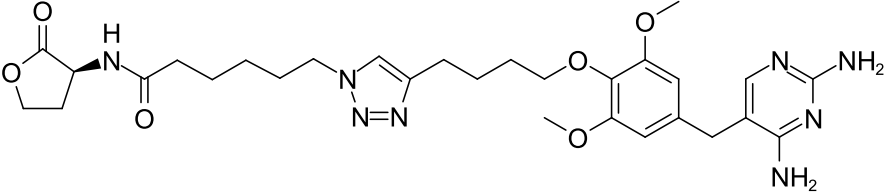


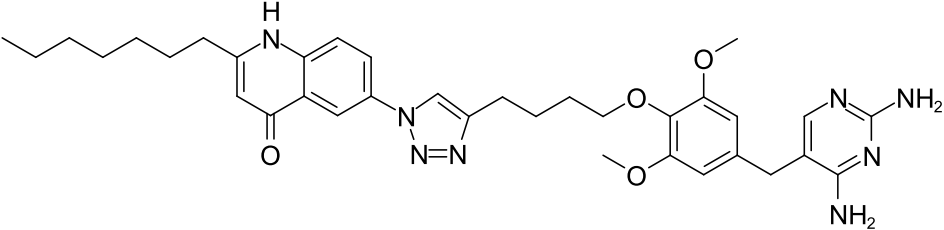


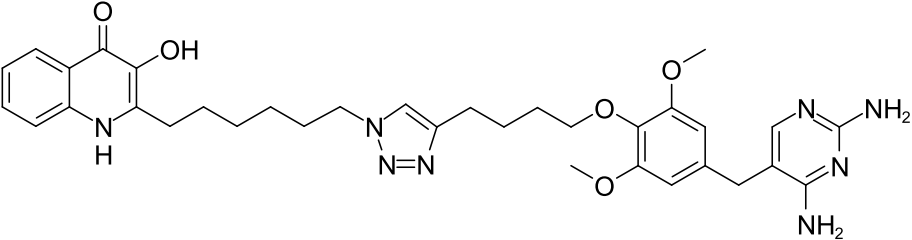


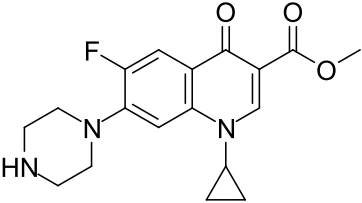


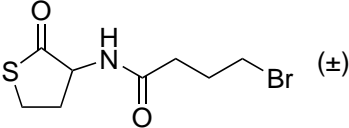


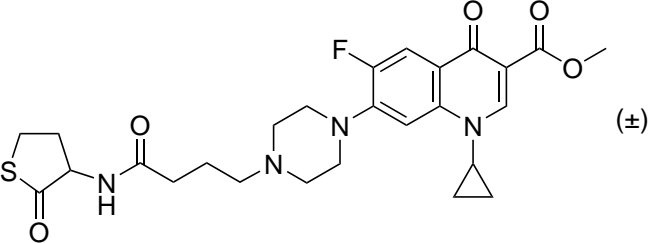


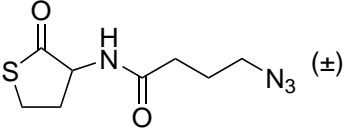


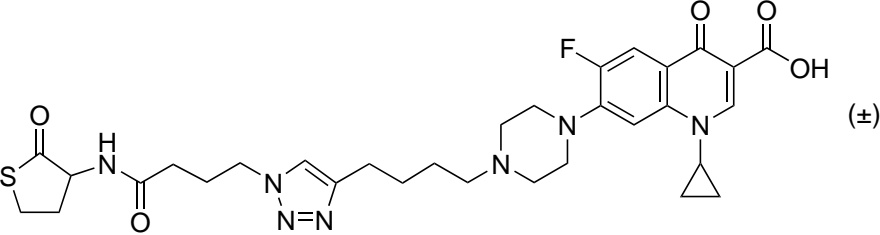


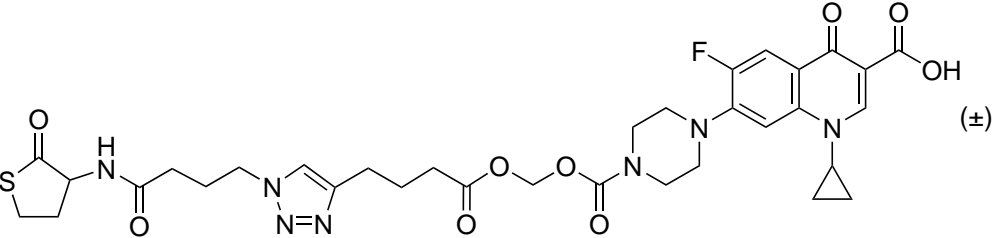


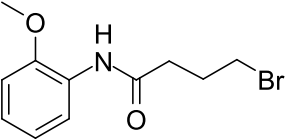


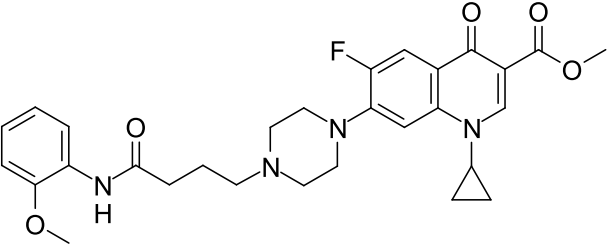


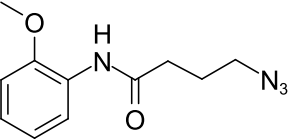


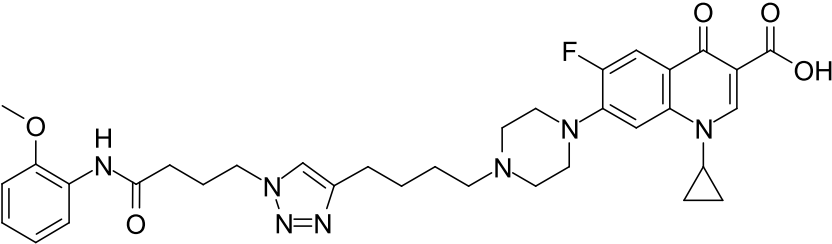


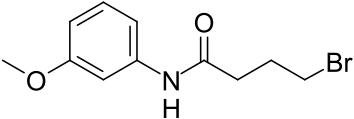


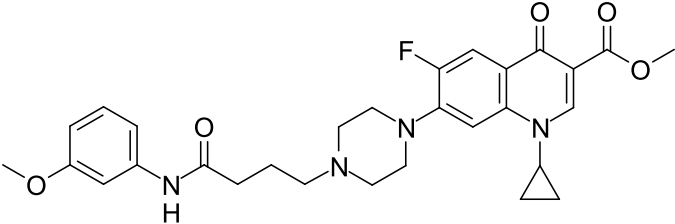


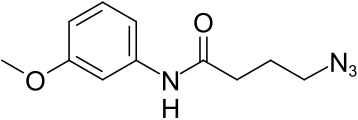


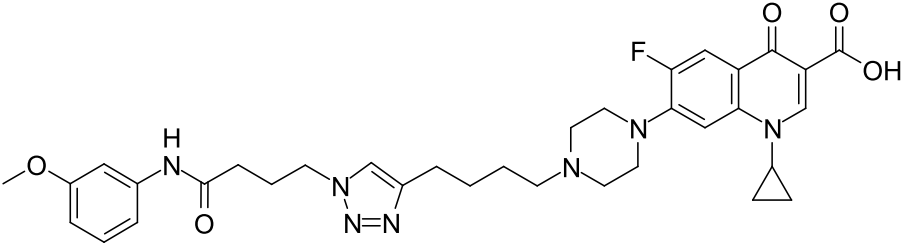


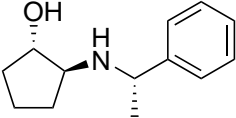




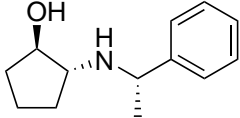








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