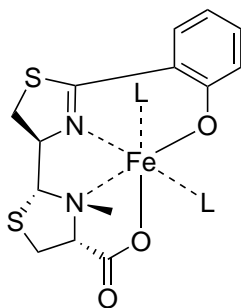
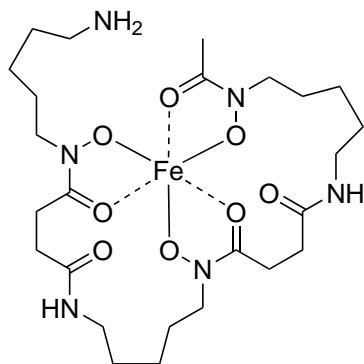


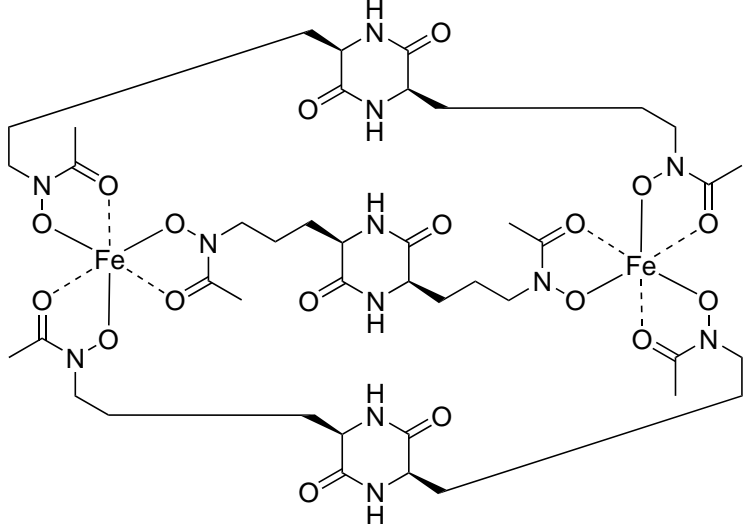
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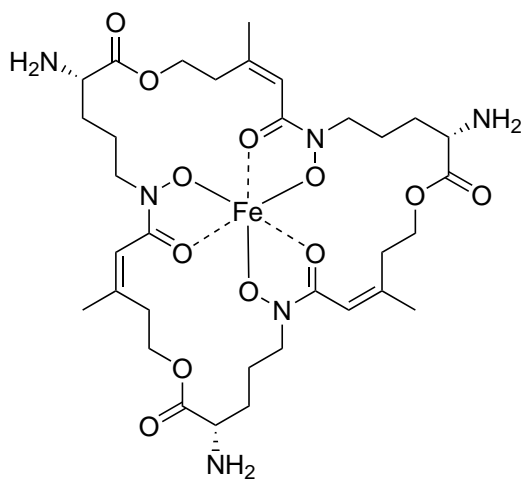
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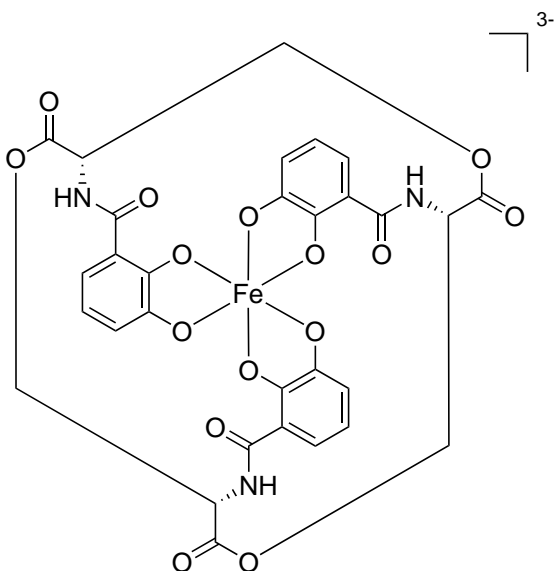
Deferoxamine B
1



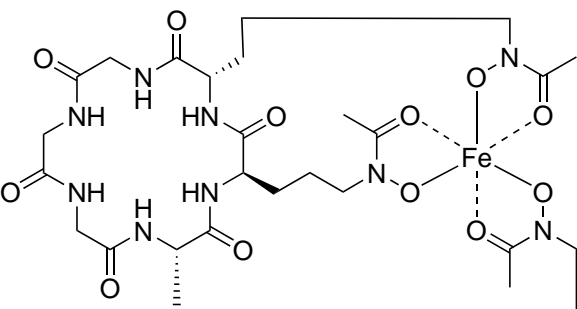
Rhodotorulic acid
2



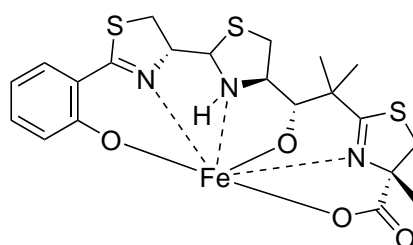
Fusarinine C
3



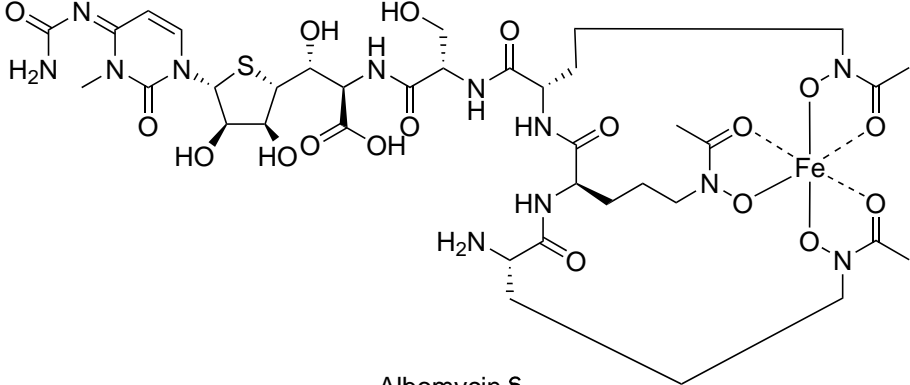
Enterobactin
4



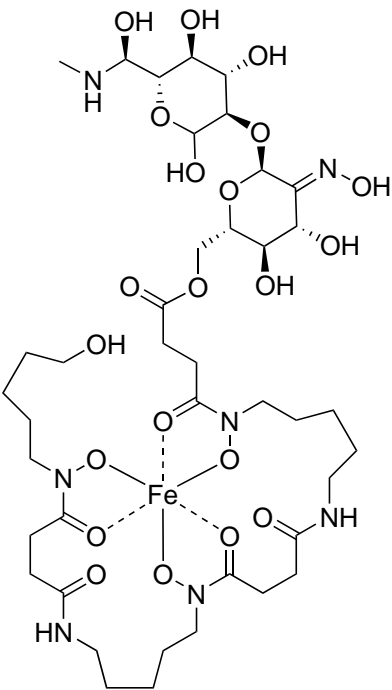
Ferrichrome
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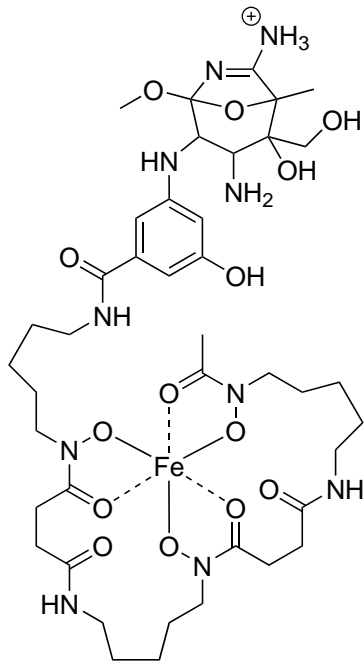
Yersiniabactin
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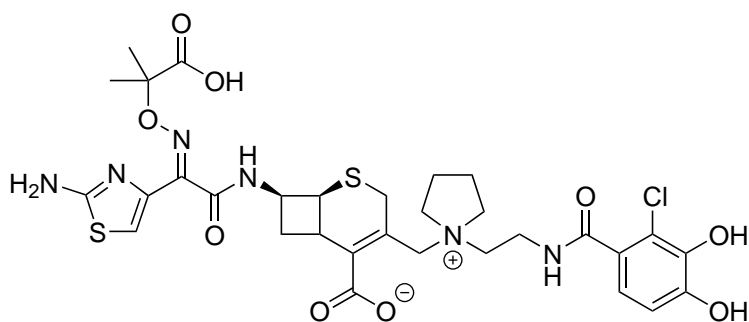
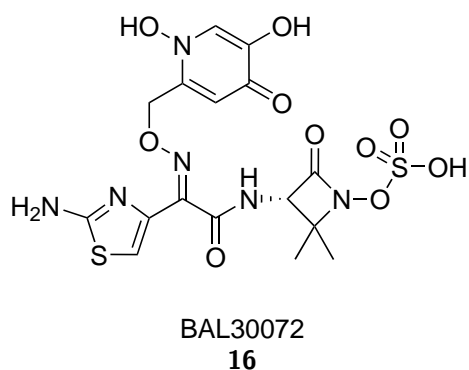
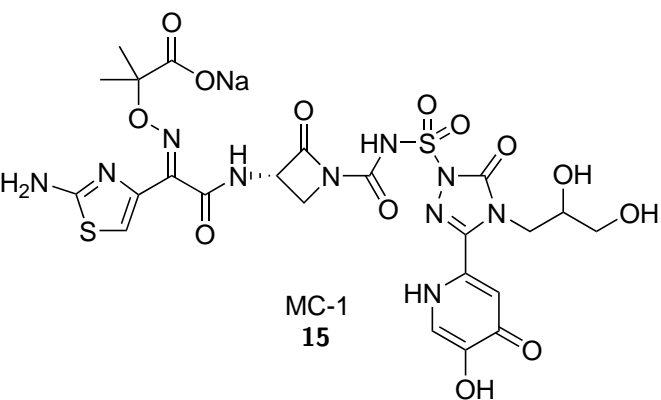
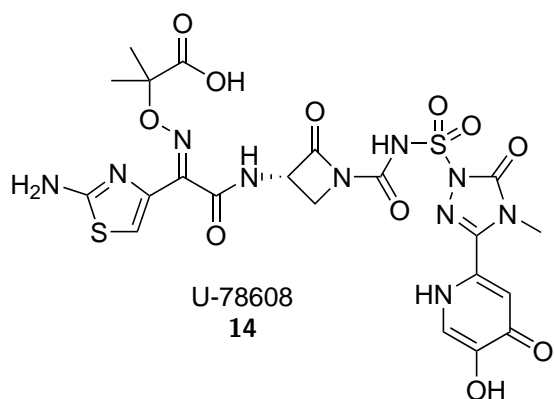
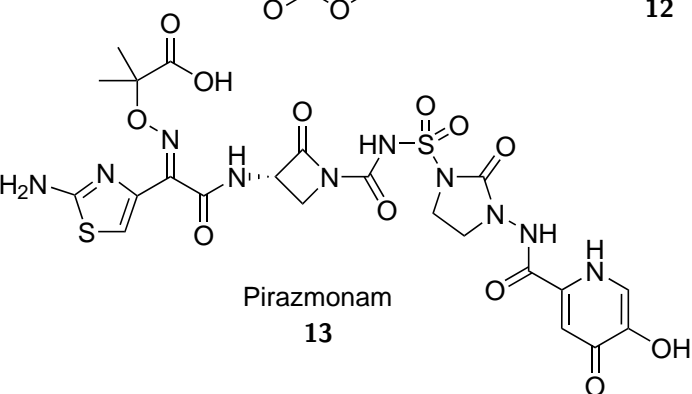
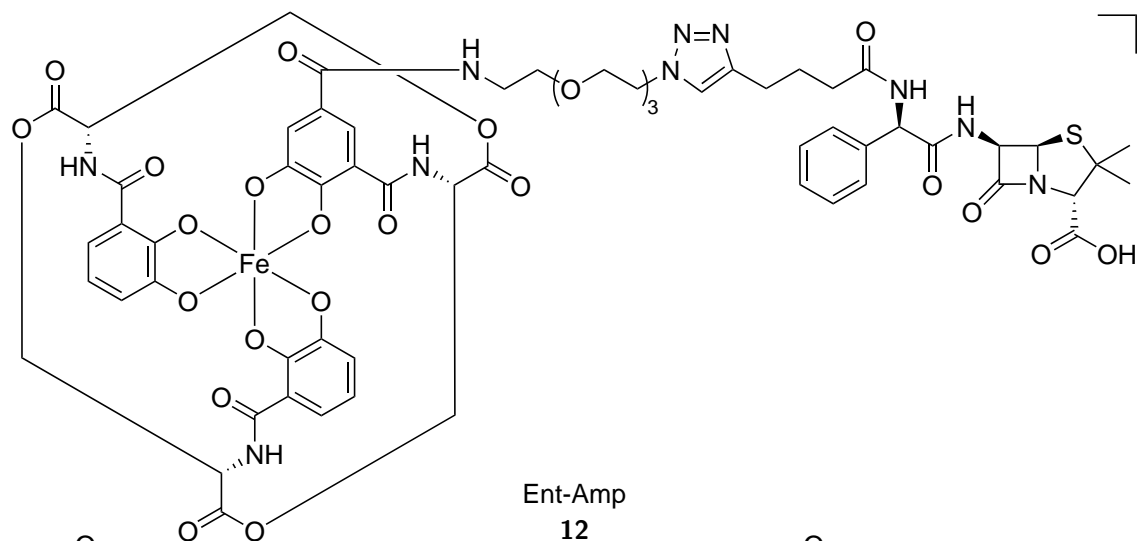
Albomycin δ_2
9

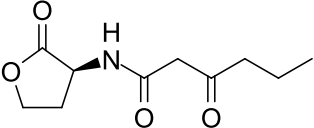


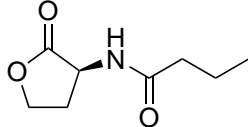
Salmycin A
10



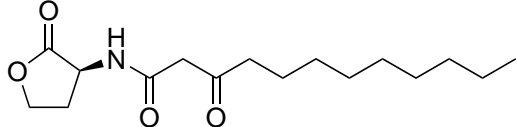
Ferrimycin A1
11



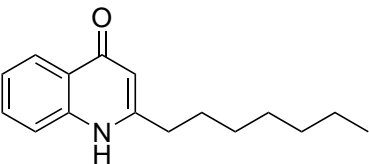




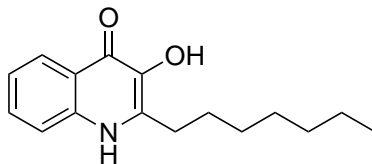
C₄-HSL
19



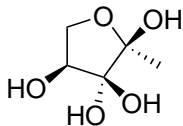
3-oxo-C₁₂-HSL
20



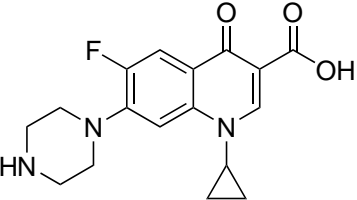
HHQ
21



PQS
22

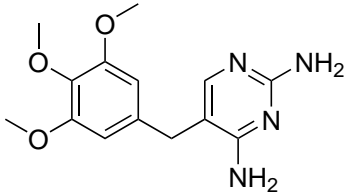


AI-2
23



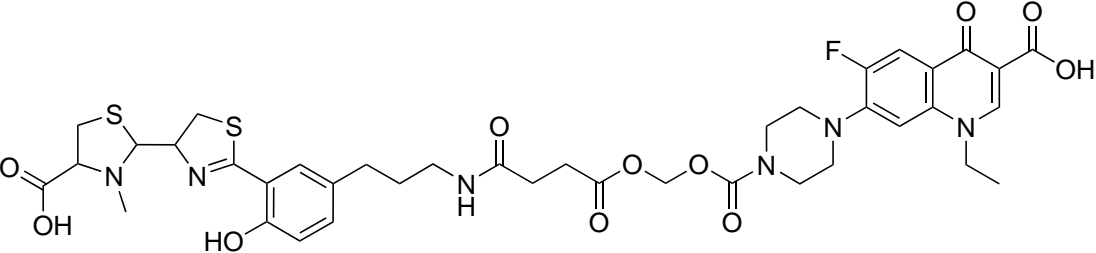
Ciprofloxacin

24

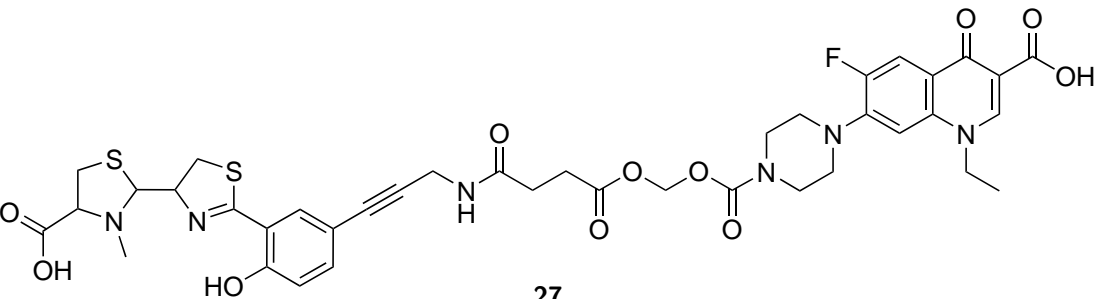


Trimethoprim

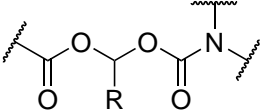
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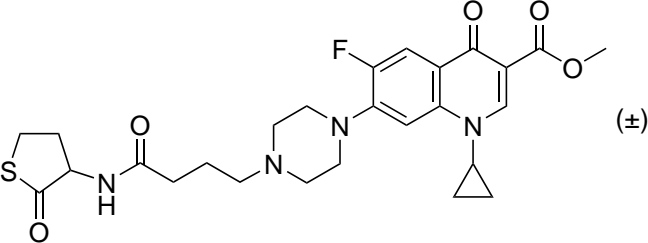


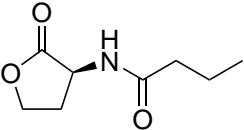
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27

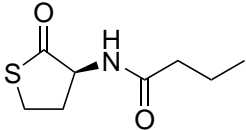






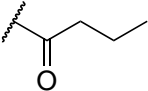
C₄-HSL

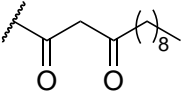
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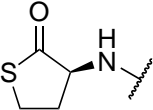


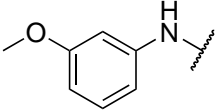
C₄-HCTL

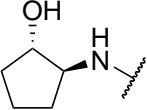
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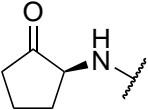


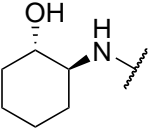


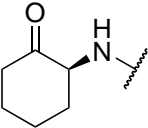


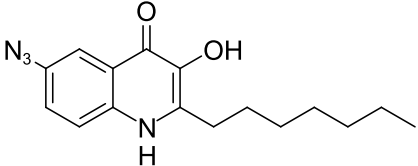
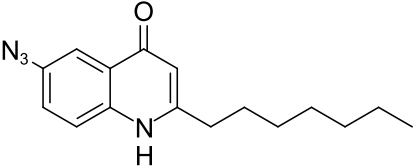


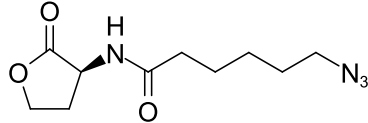
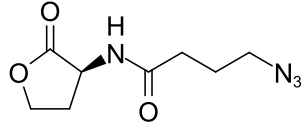
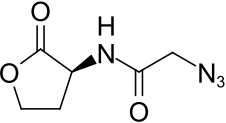


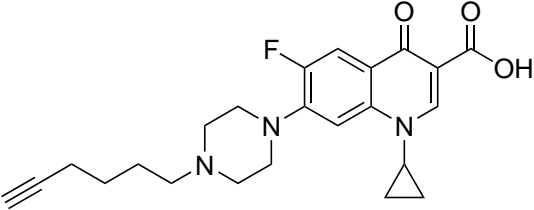




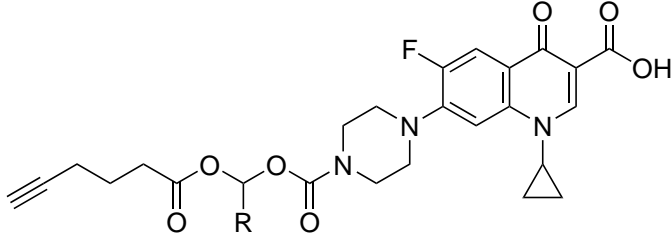






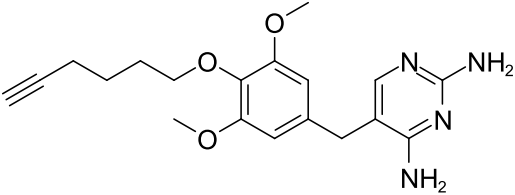


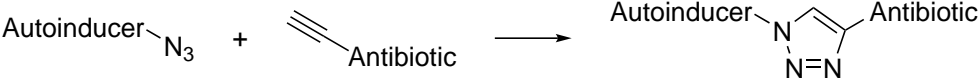
68

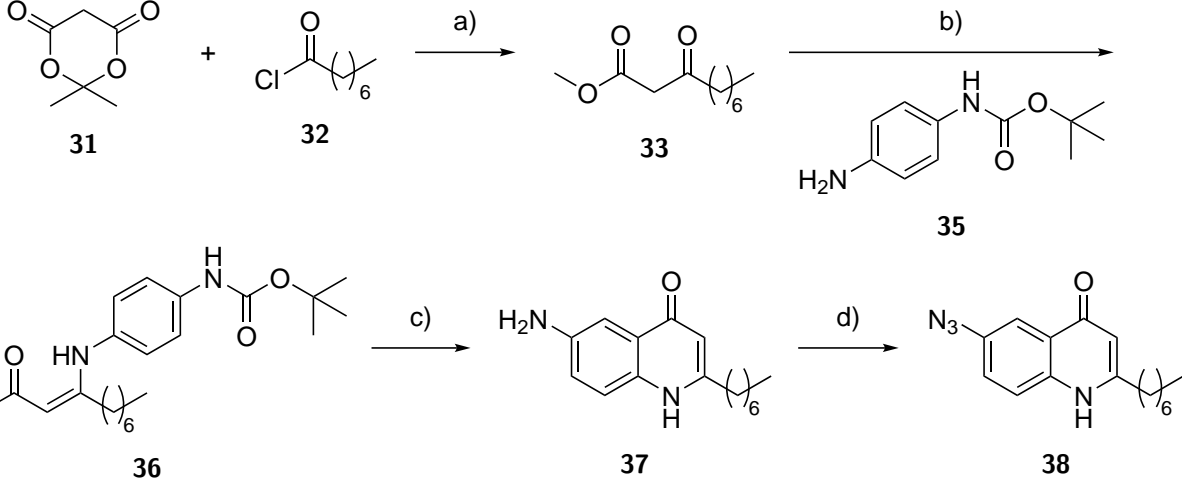


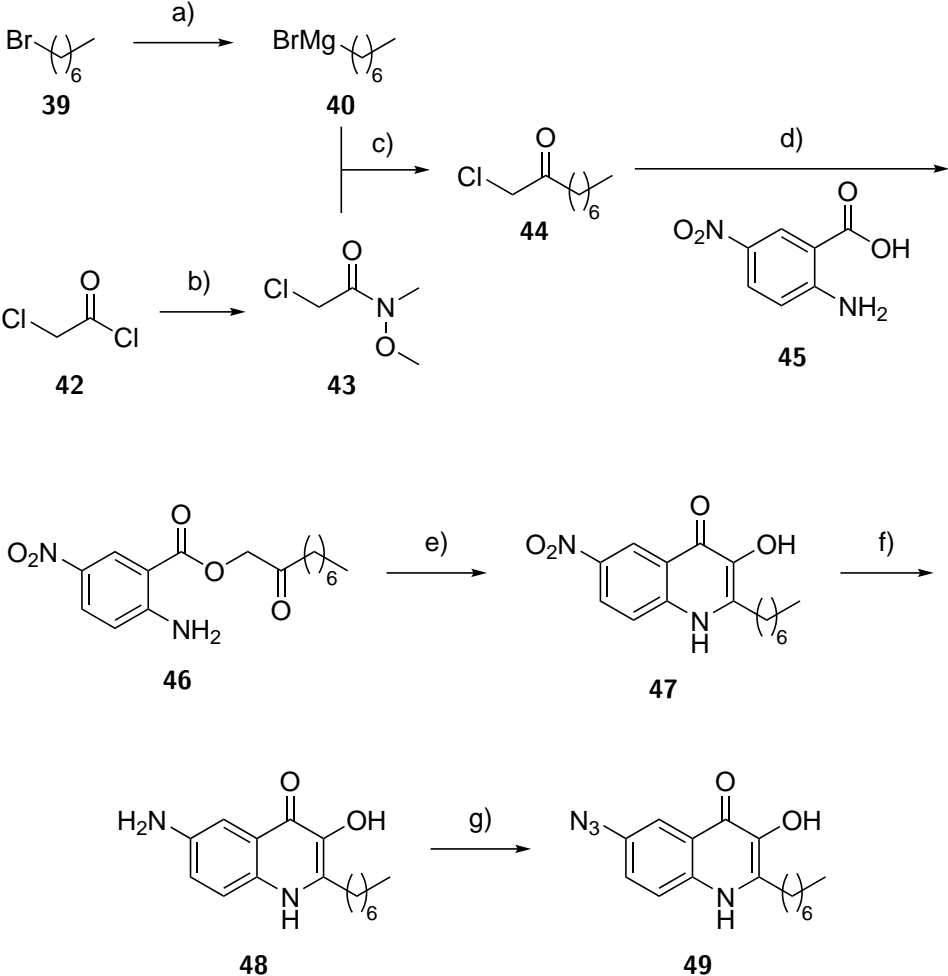
R = H 90

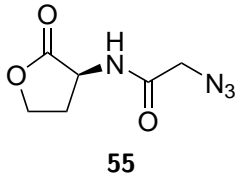
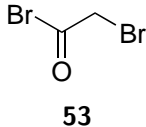
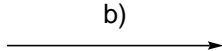
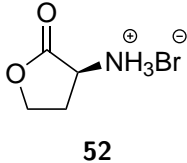
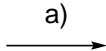
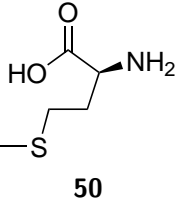
R = Me 91

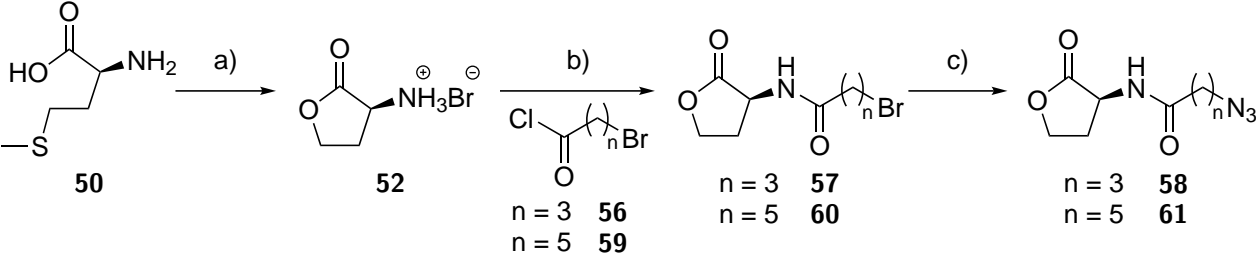


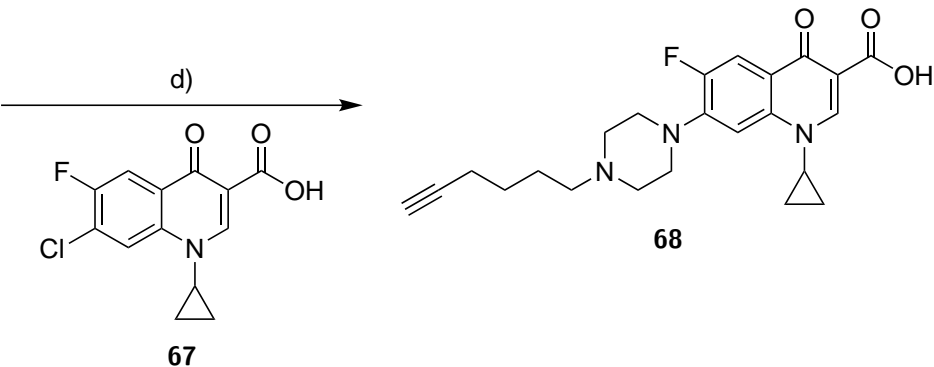
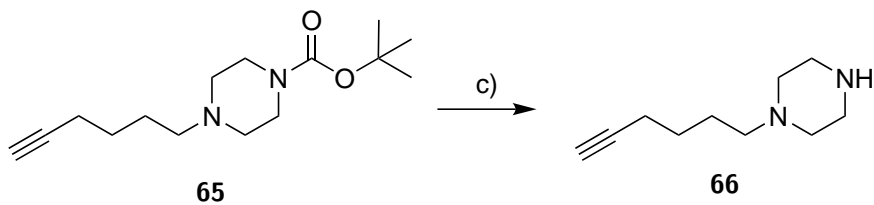
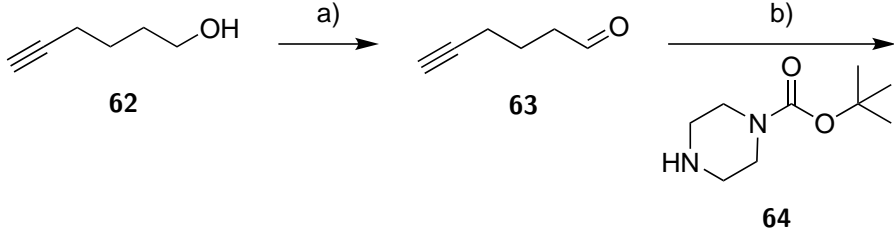


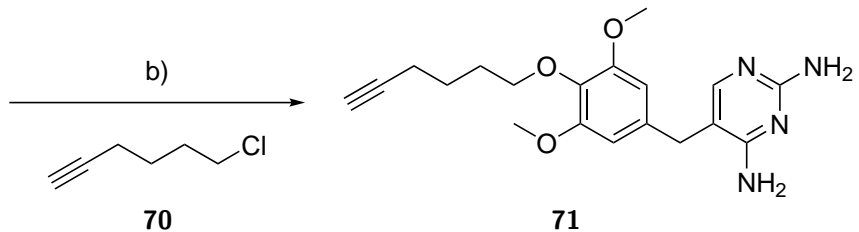
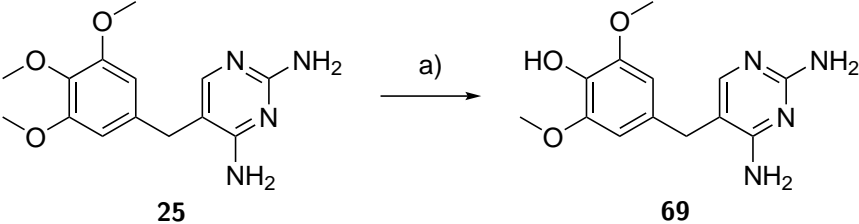


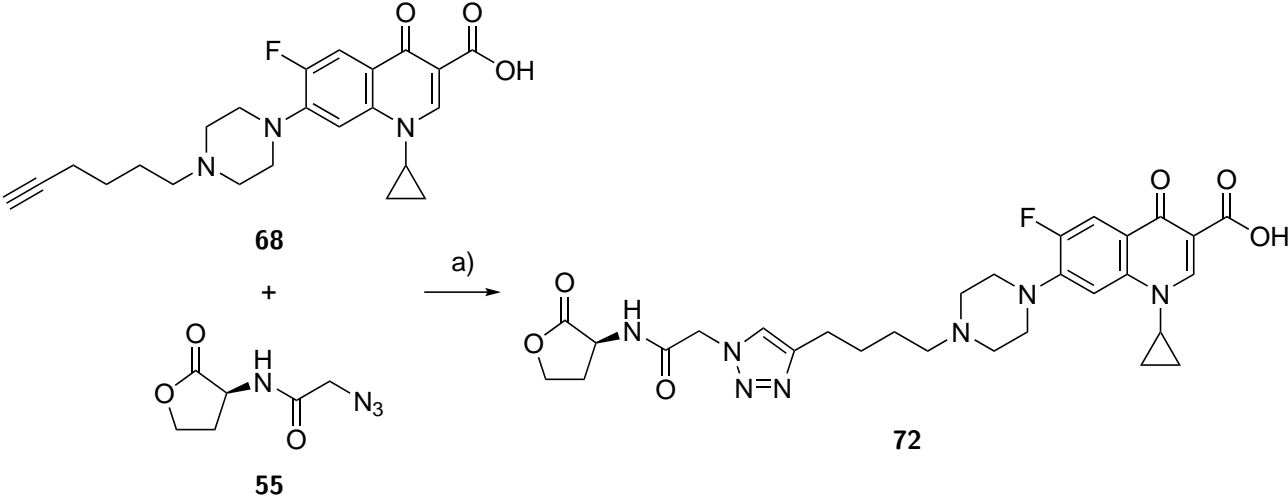


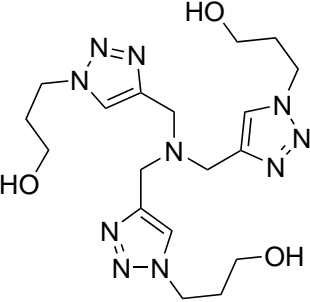


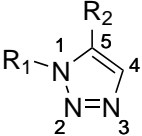
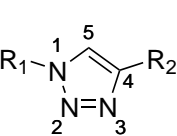


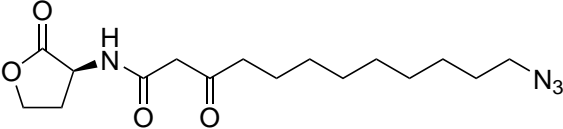




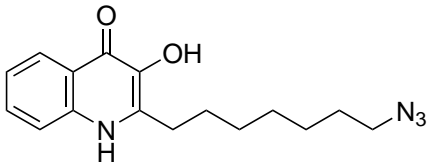




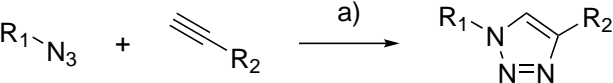


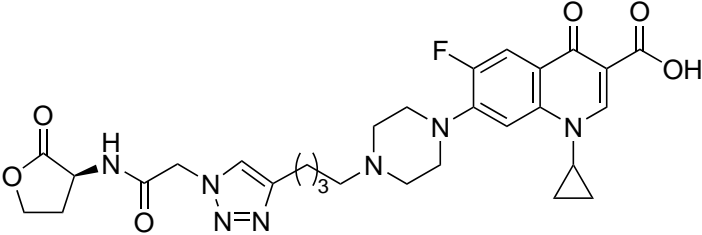


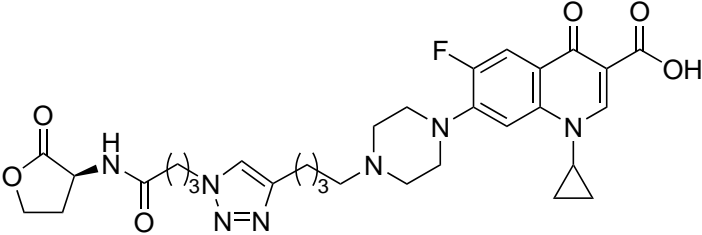
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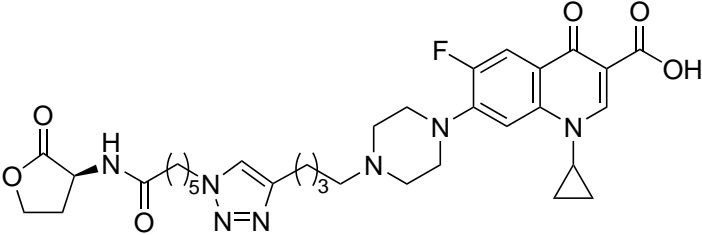


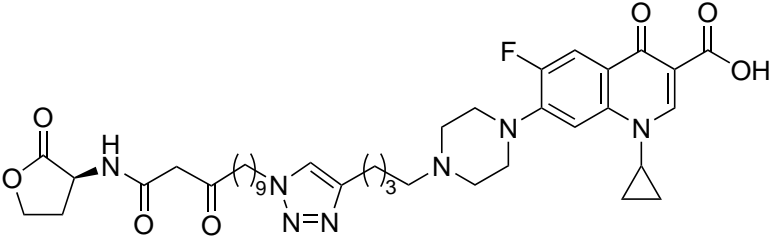
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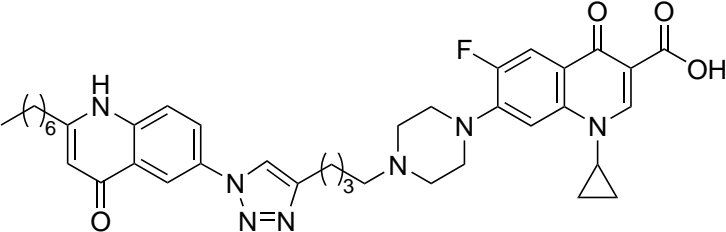


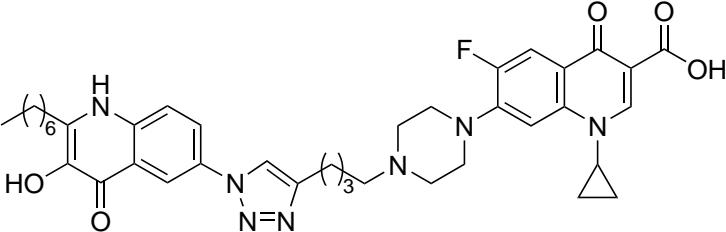


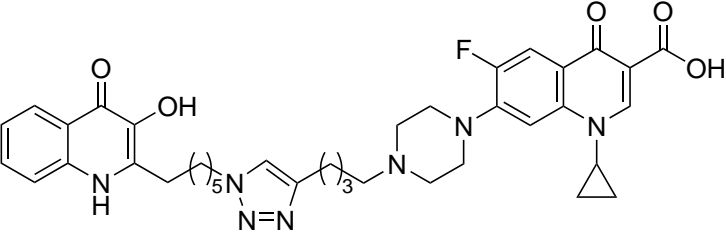


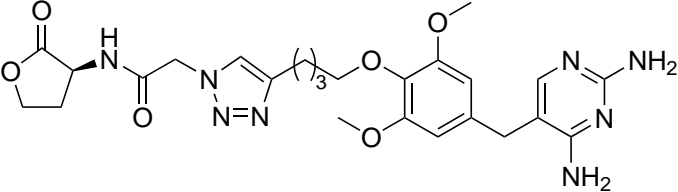


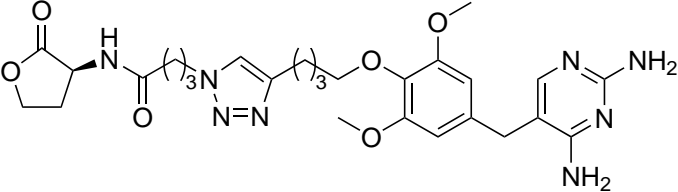


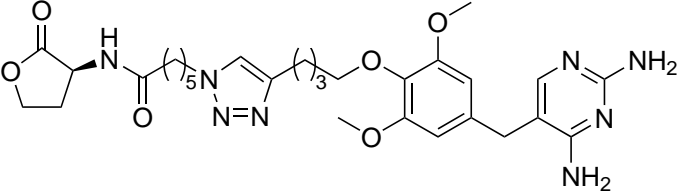


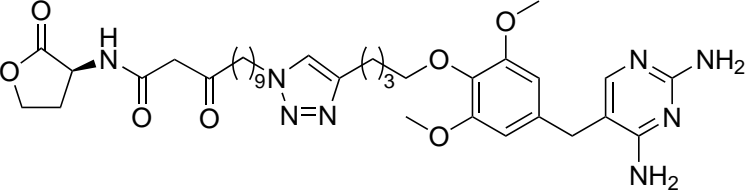


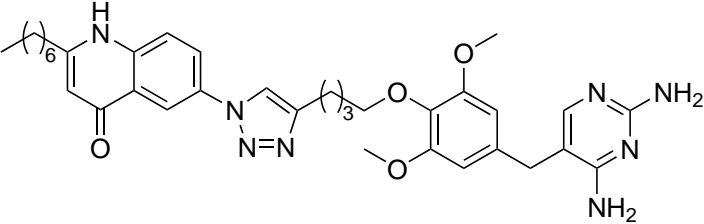


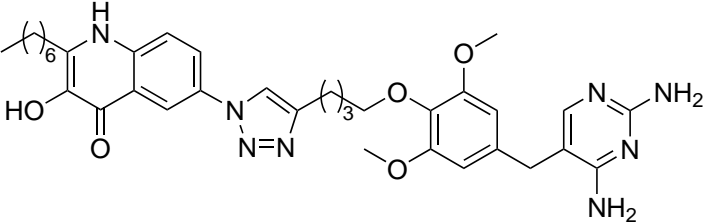


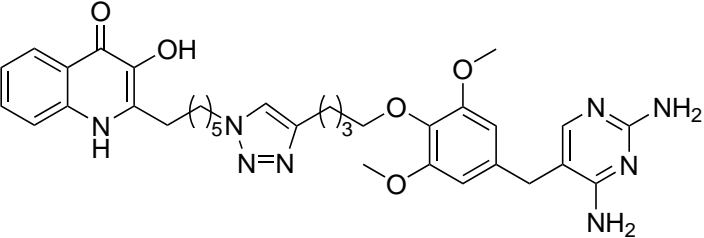


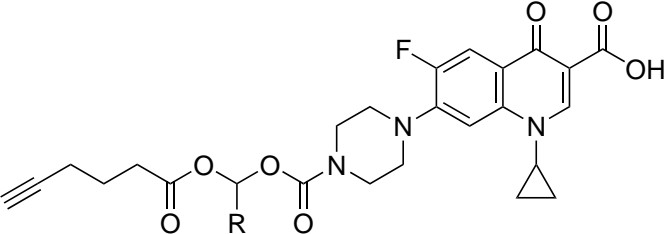






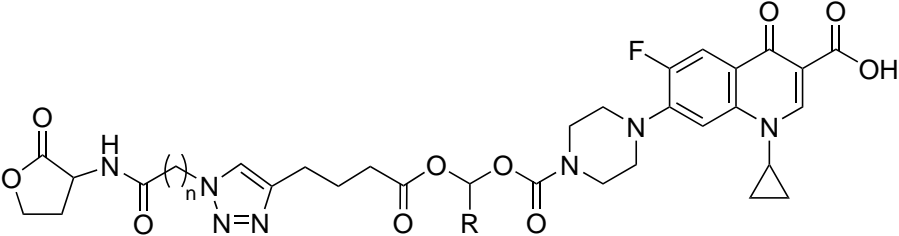






$R = H$ **90**

$R = Me$ **91**



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

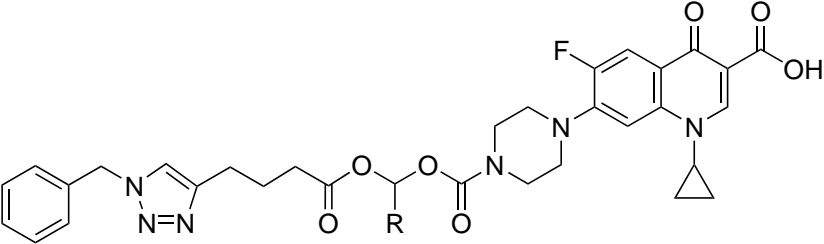
$n = 3, \text{R} = \text{H}$ **93**

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

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

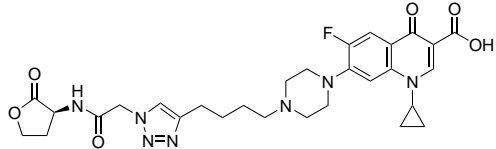
$n = 3, \text{R} = \text{Me}$ **96**

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

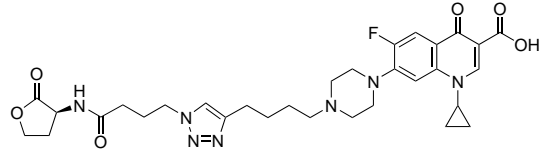


$R = H$ **98**

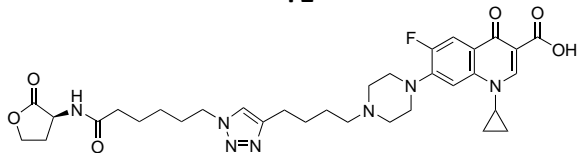
$R = Me$ **99**



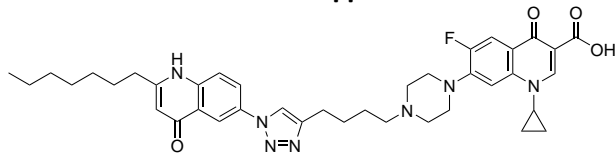
72



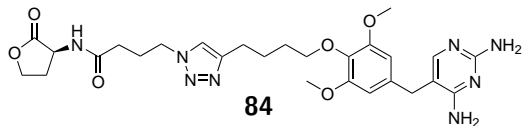
77



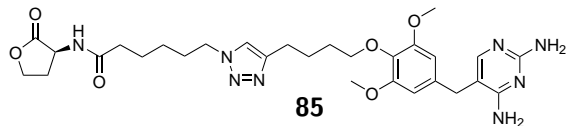
78



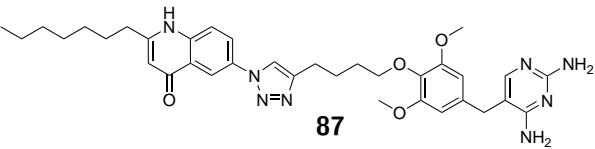
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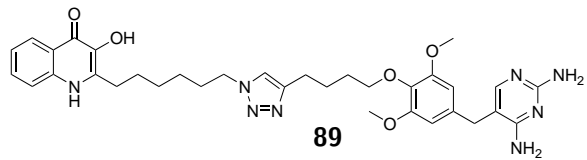
84



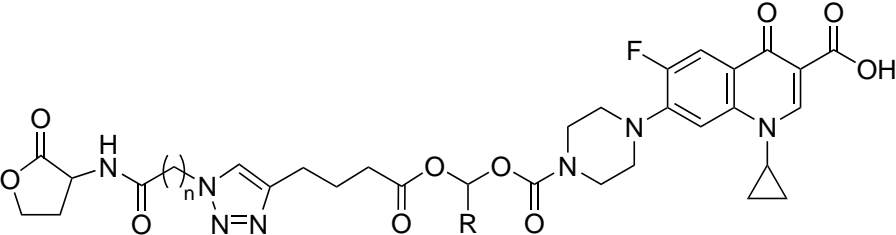
85



87



89



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

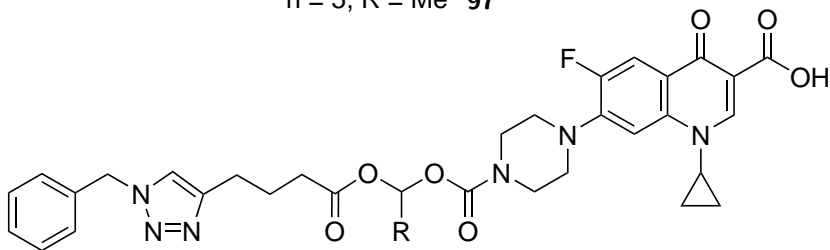
$n = 3$, R = H **93**

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

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

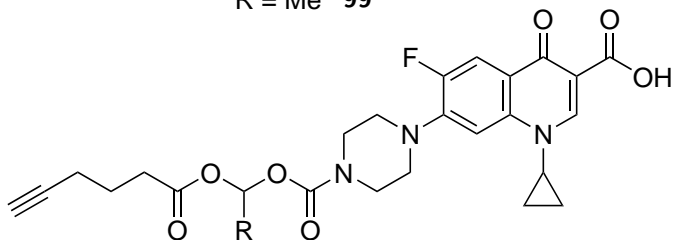
$n = 3$, R = Me **96**

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



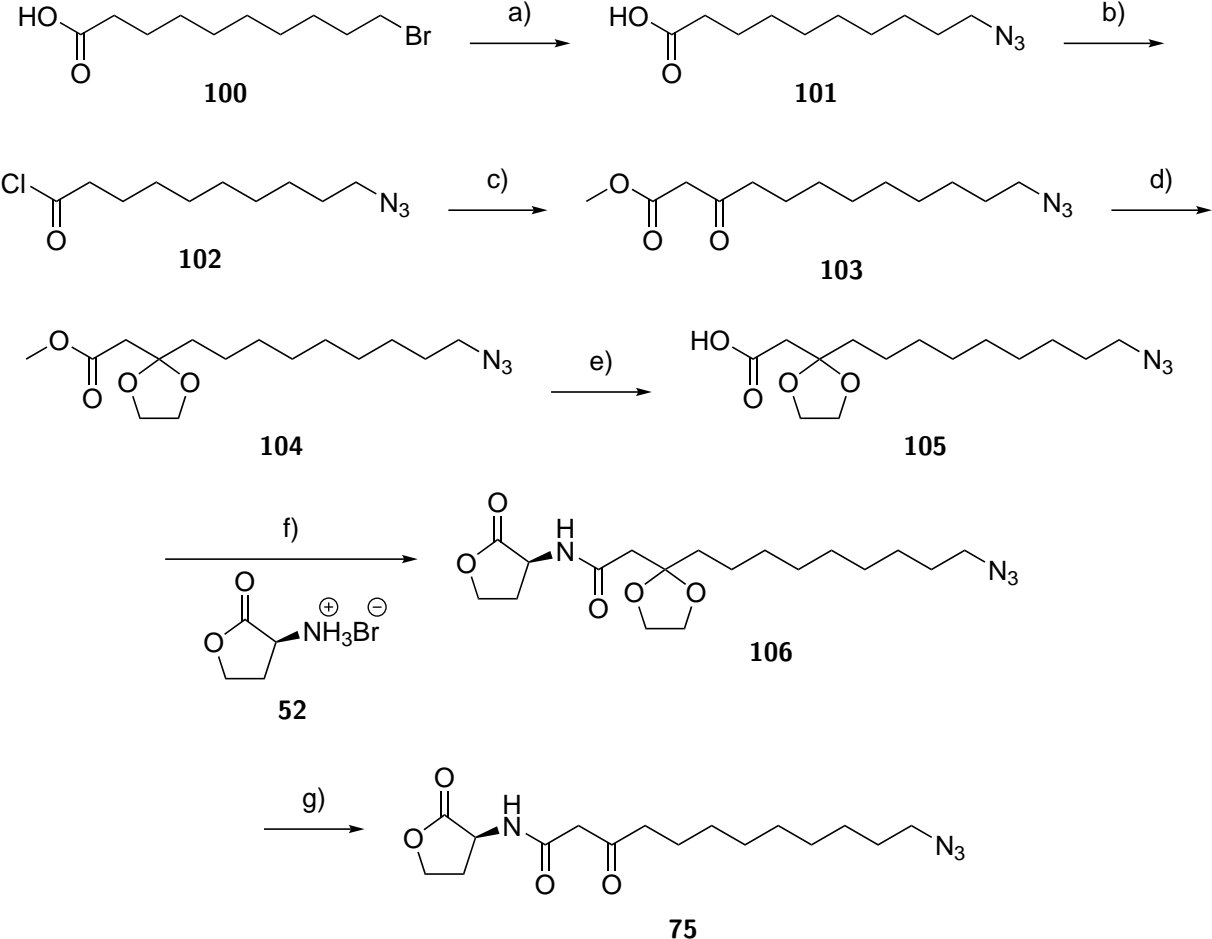
R = H **98**

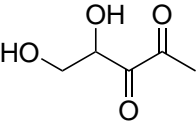
R = Me **99**



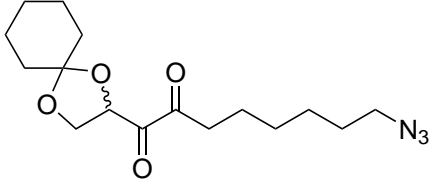
R = H **90**

R = Me **91**

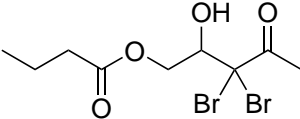




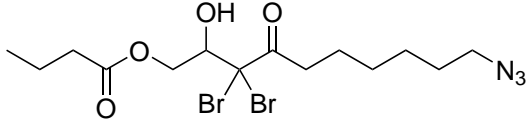
Al-2
23



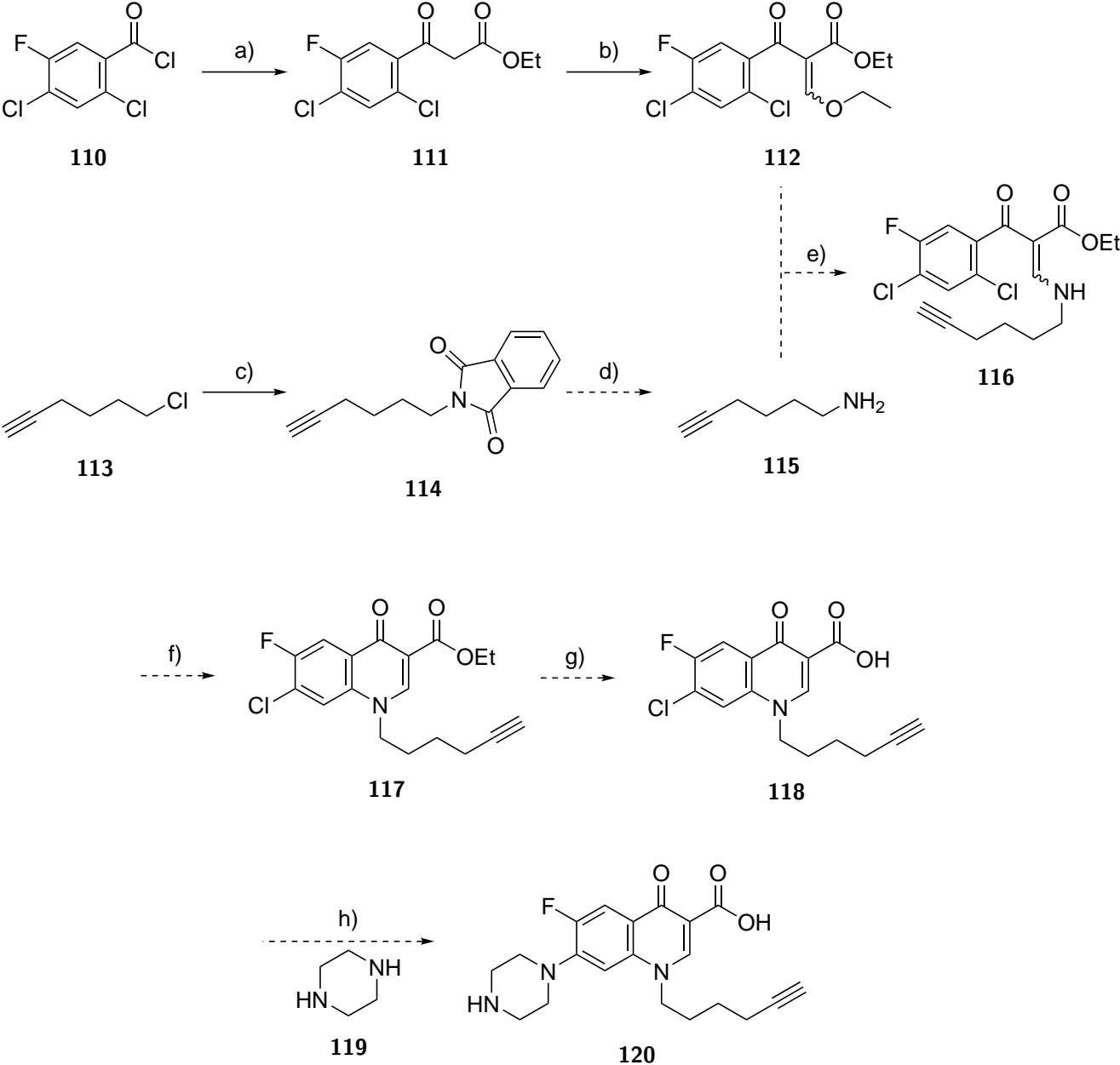
107

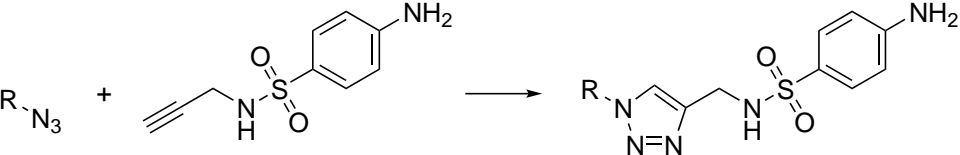


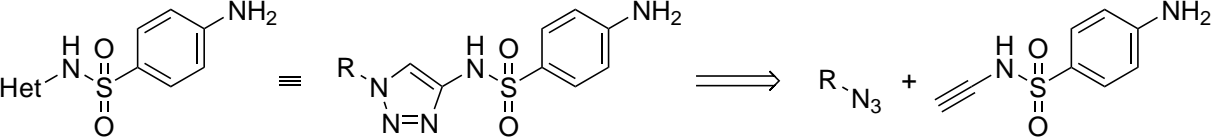
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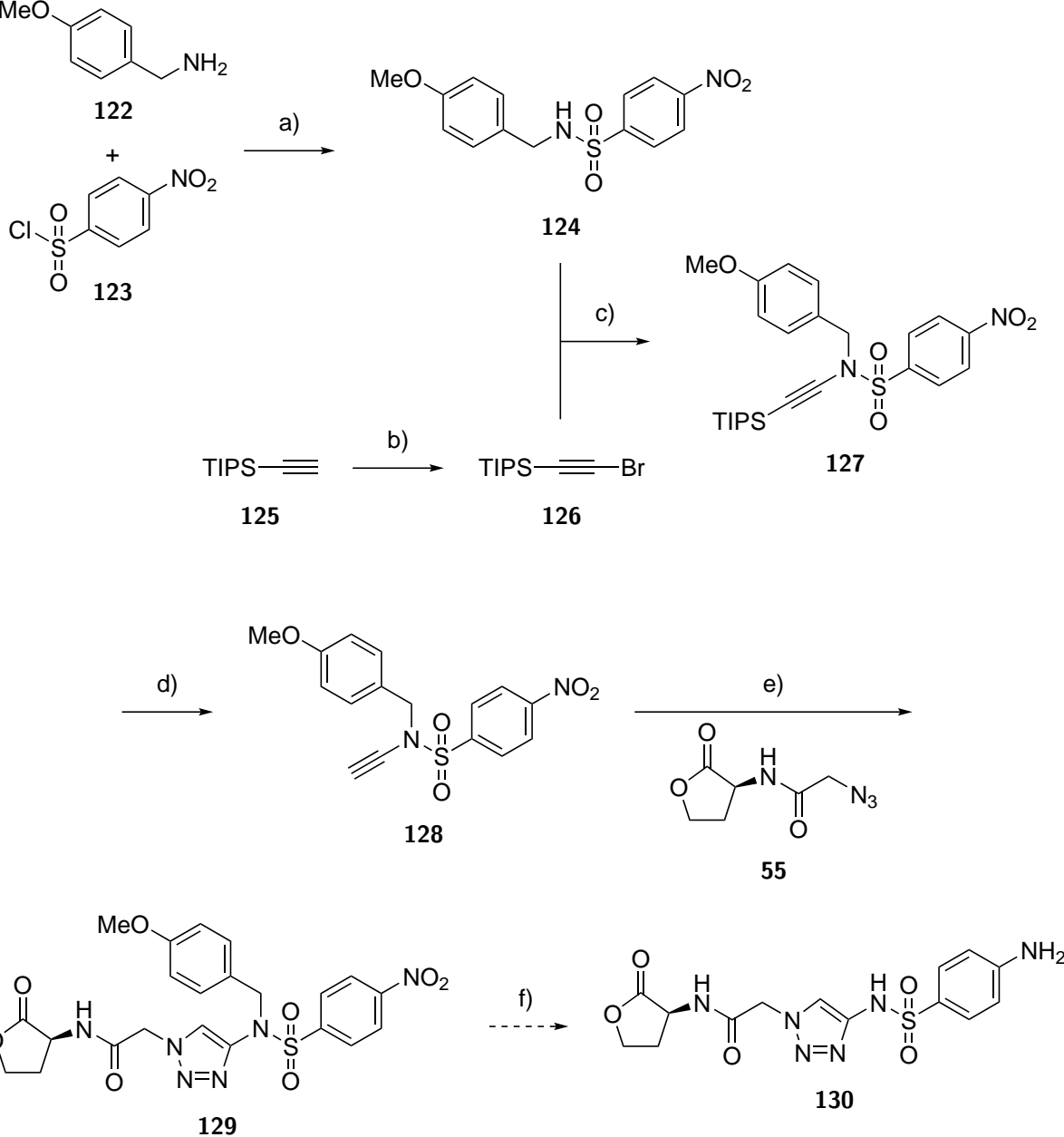


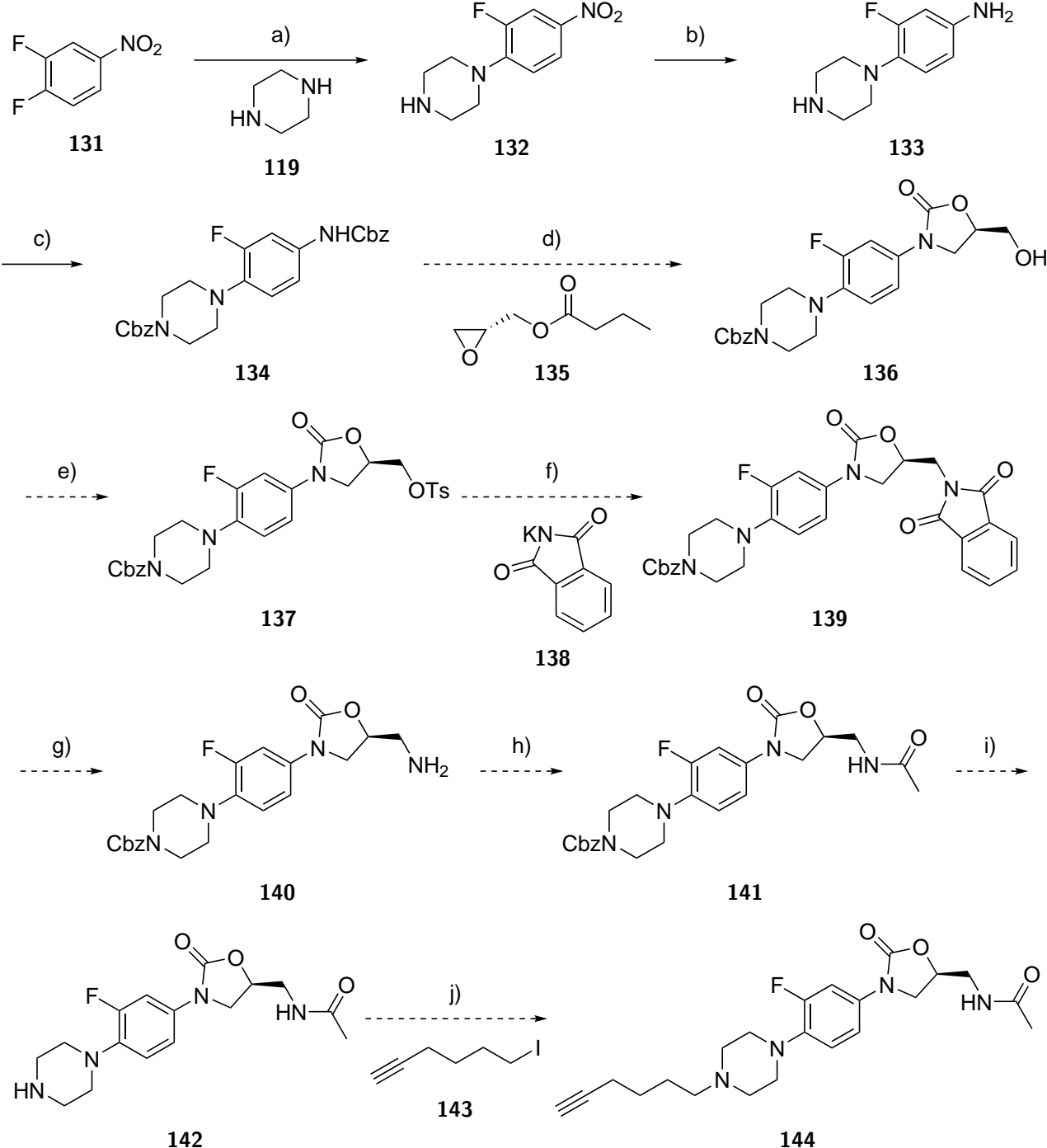
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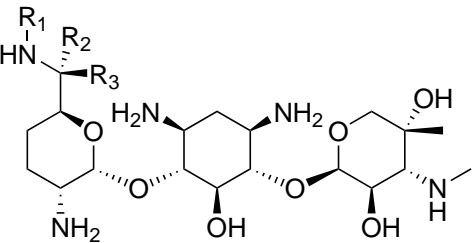




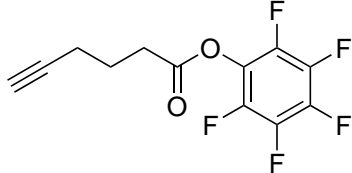






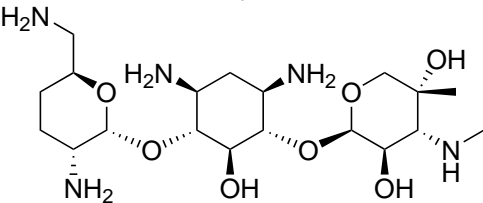


Gentamicin	R_1	R_2	R_3
C1	Me	Me	H
C1a	H	H	H
C2	H	Me	H
C2a	H	H	Me
C2b	Me	H	H

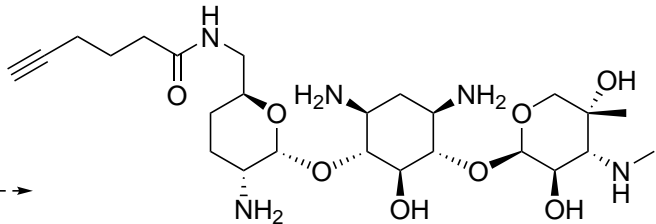
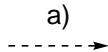


145

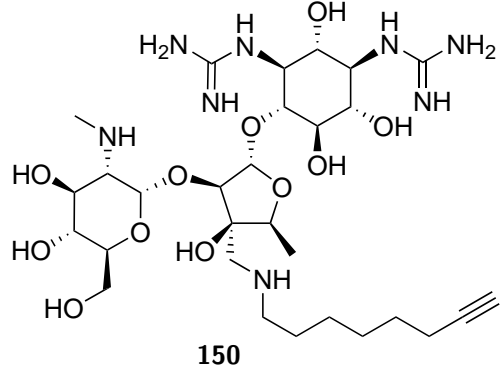
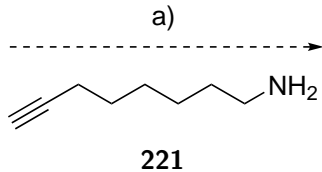
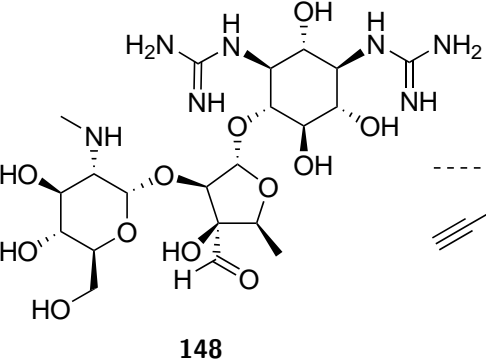
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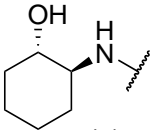
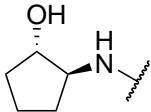
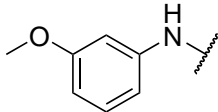
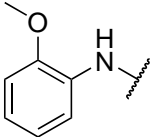
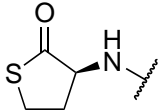


146

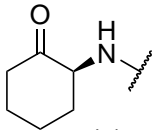


147



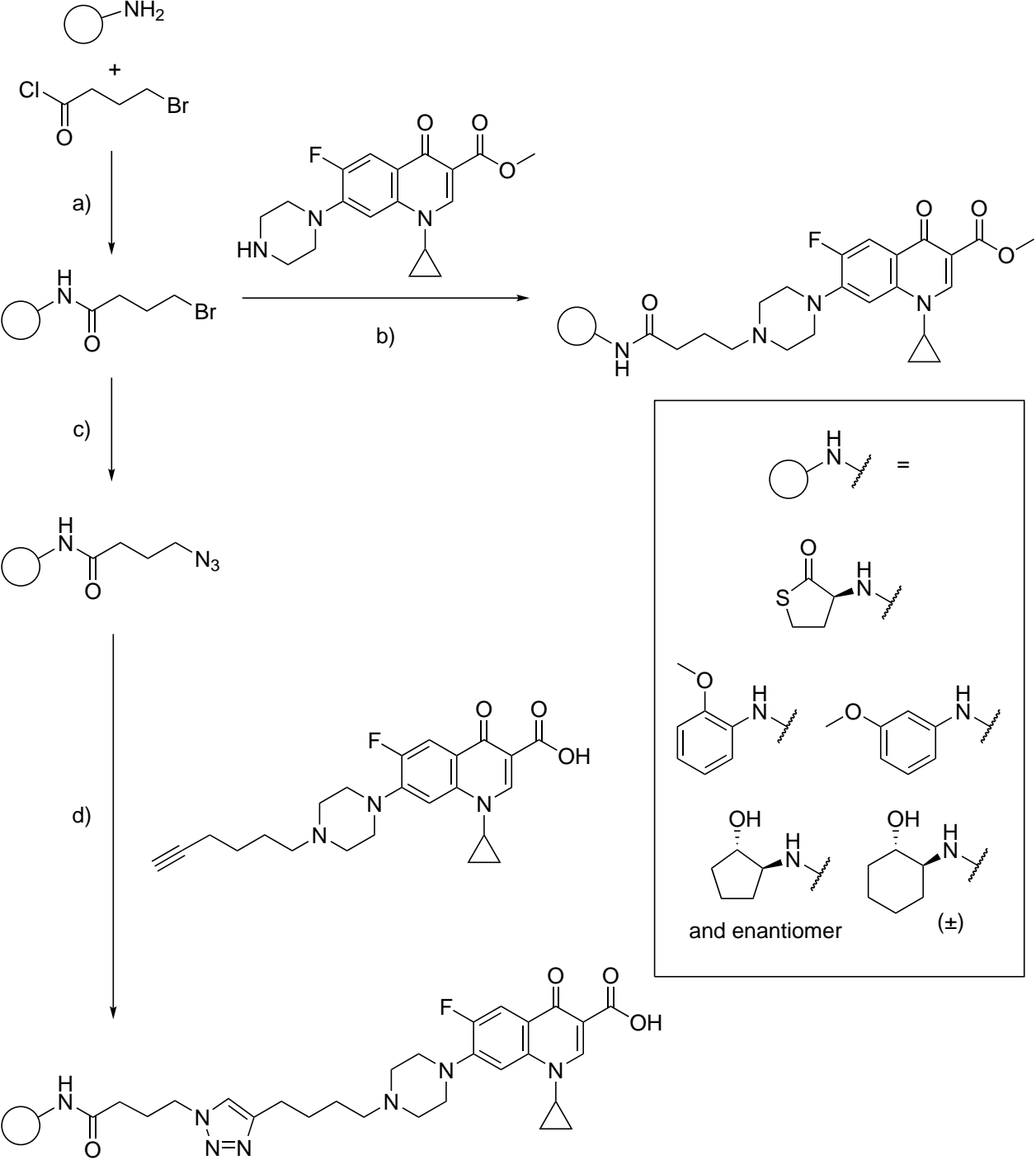


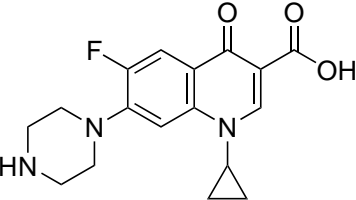
(±)



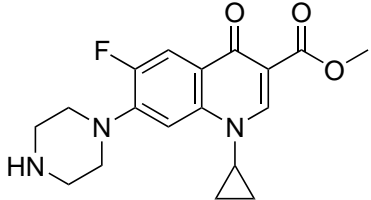
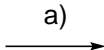
(±)

and enantiomer

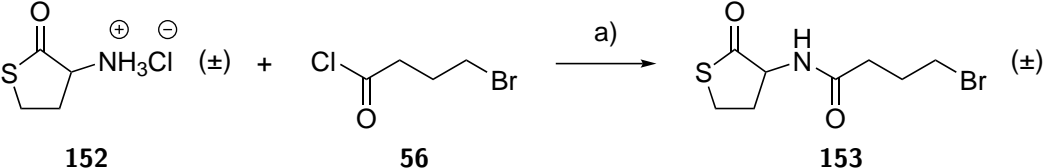


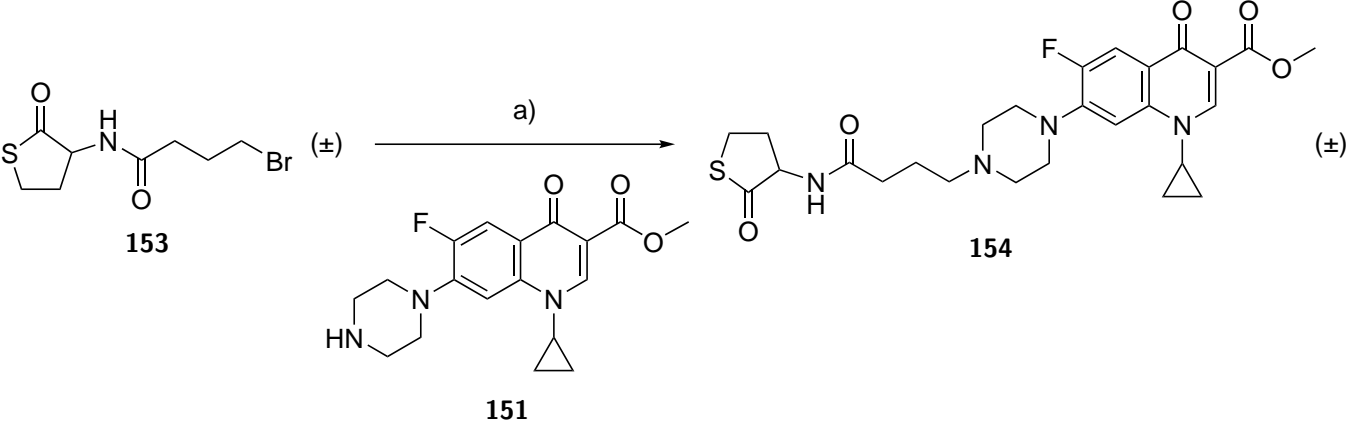


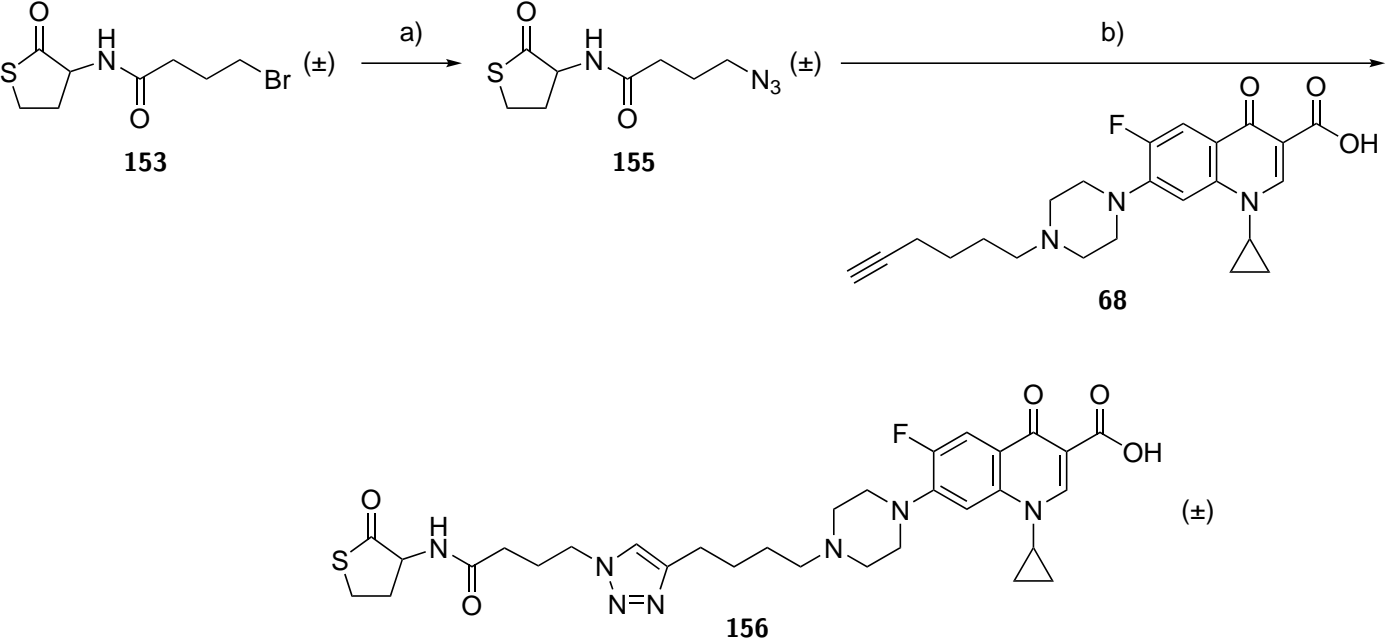
24

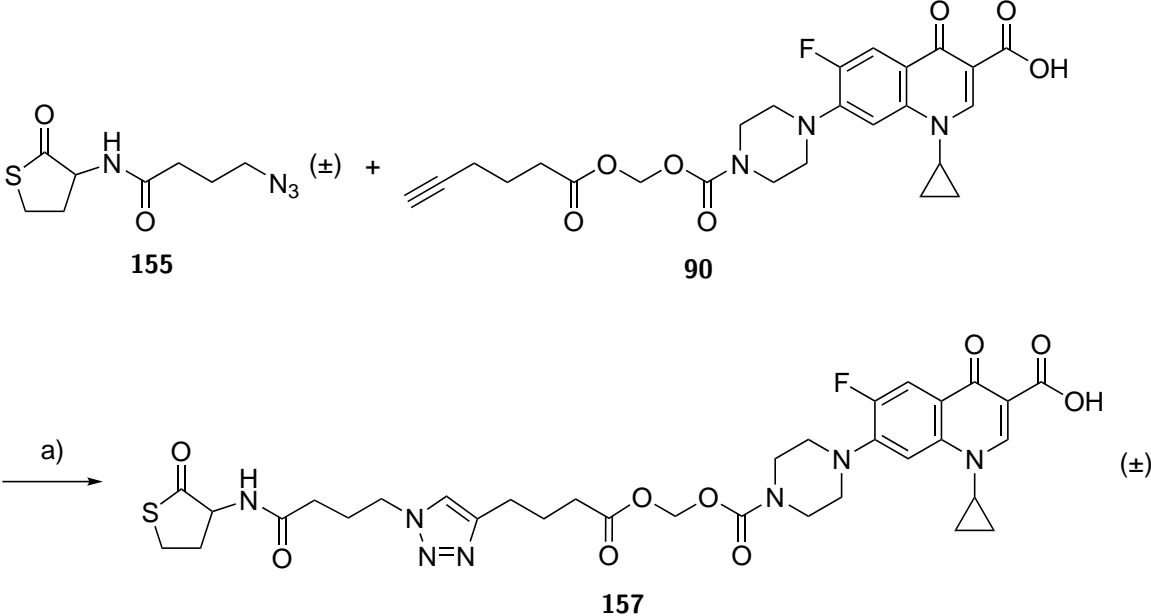


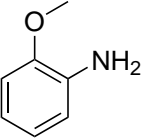
151





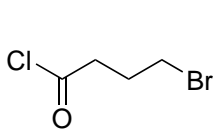






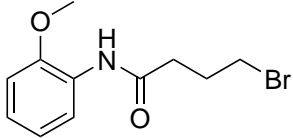
158

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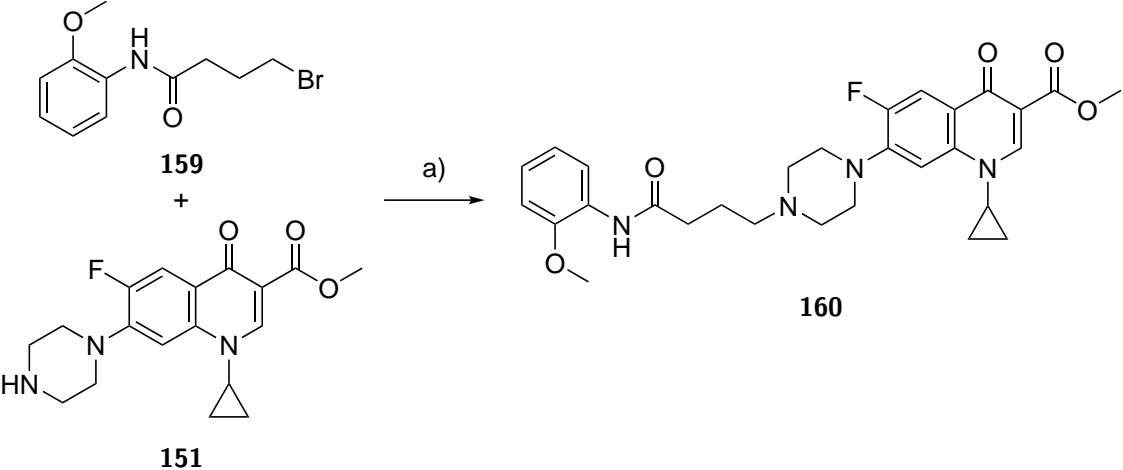


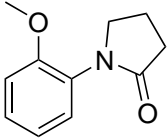
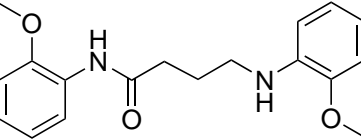
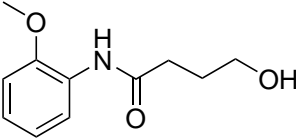
56

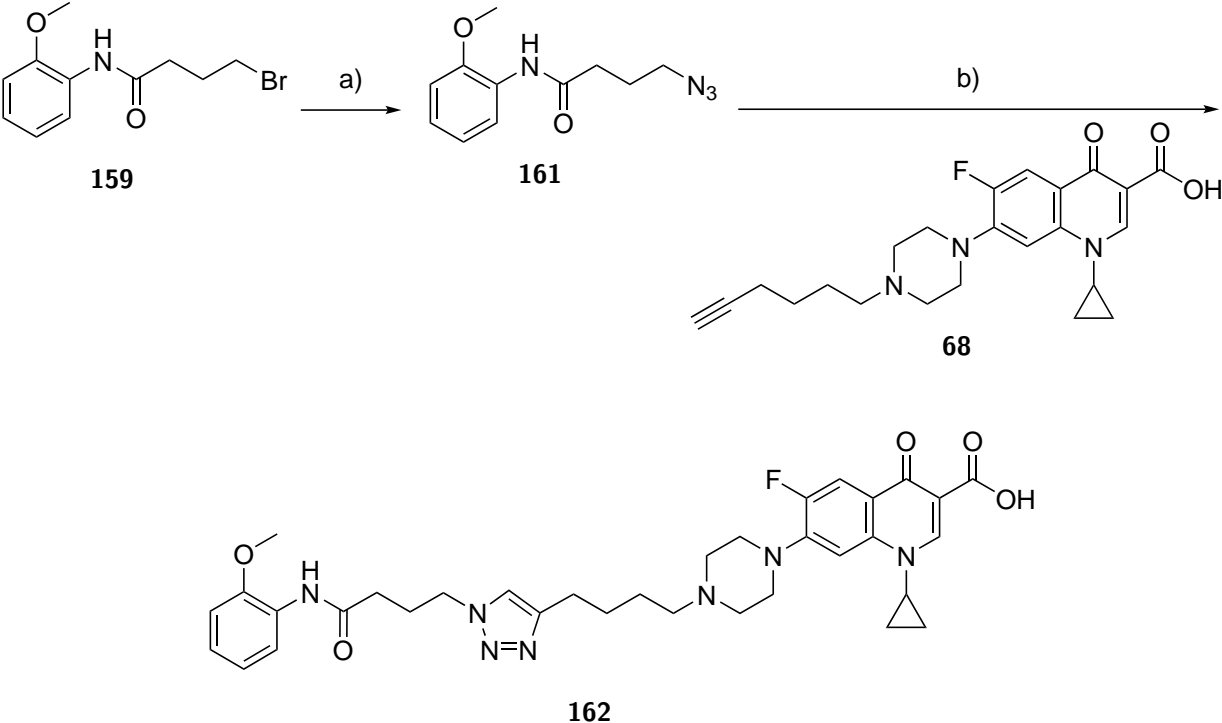
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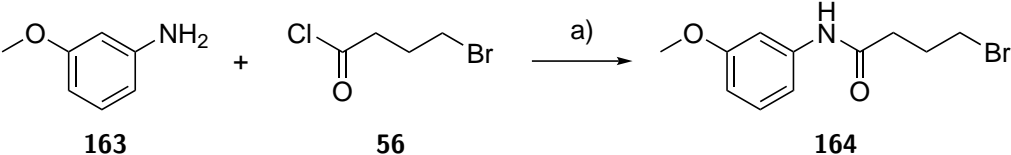


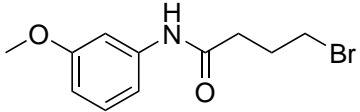
159





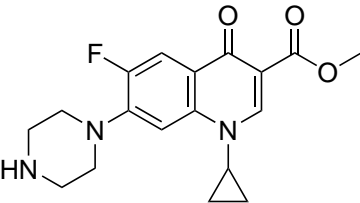




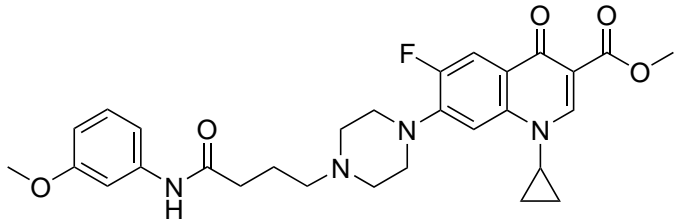
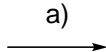


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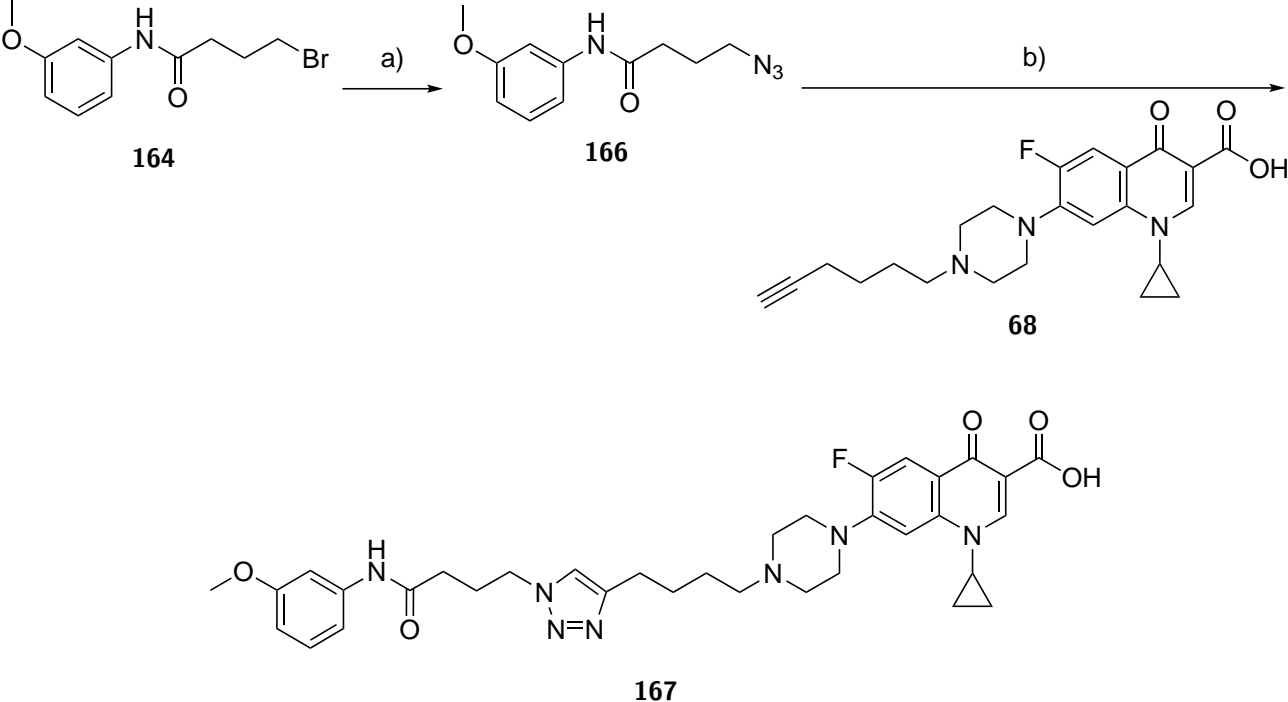
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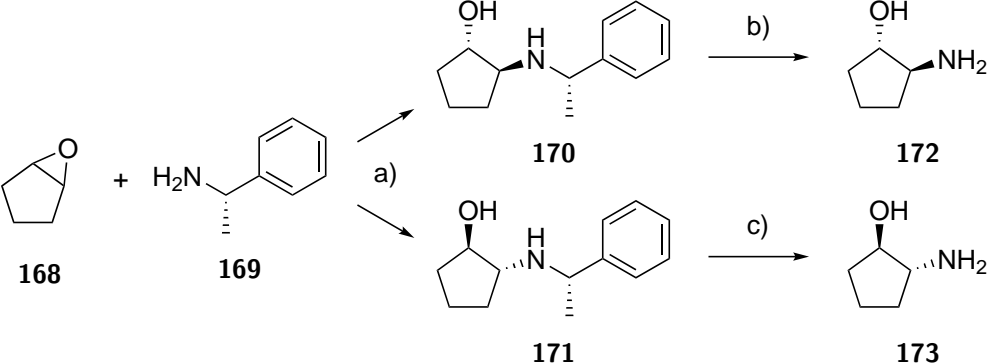


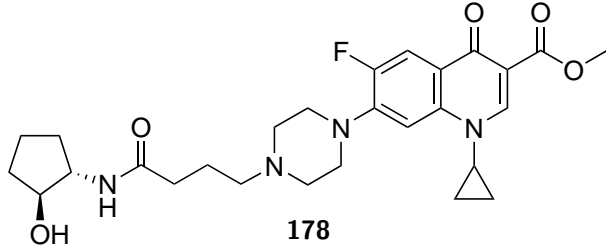
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165

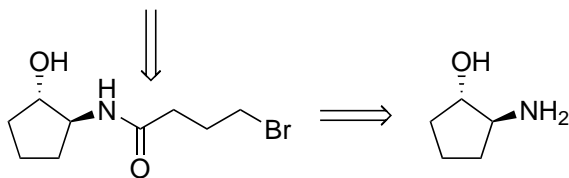






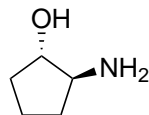
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179



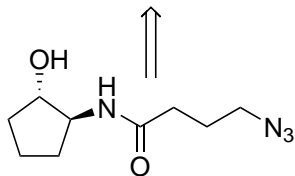
174

175



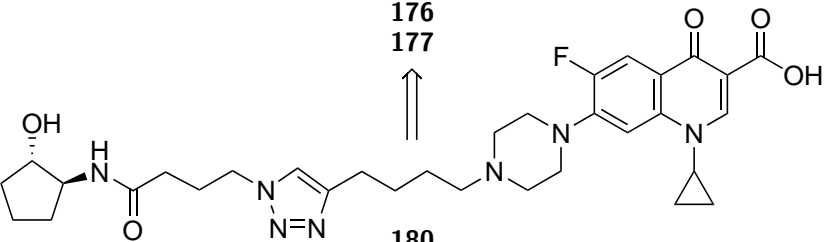
172

173



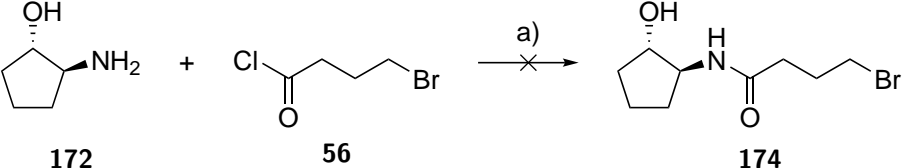
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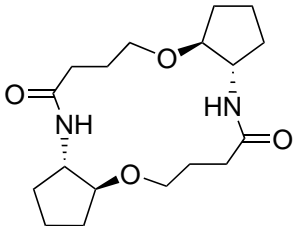
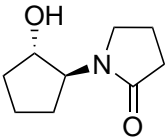
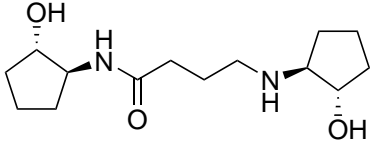
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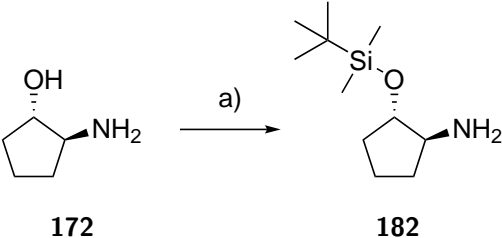
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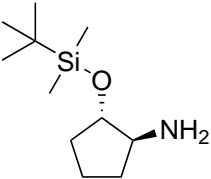
181





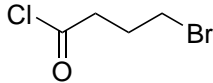




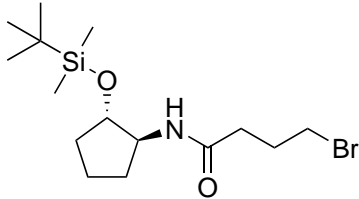
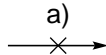


182

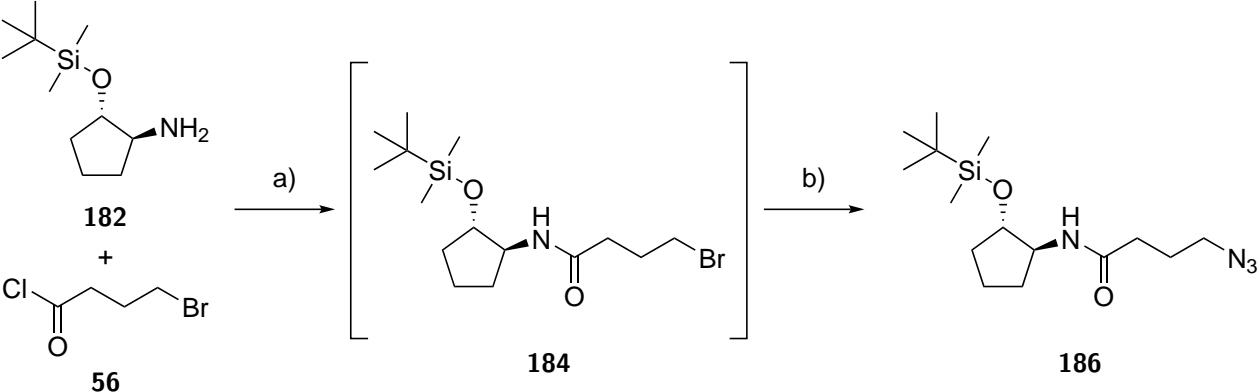
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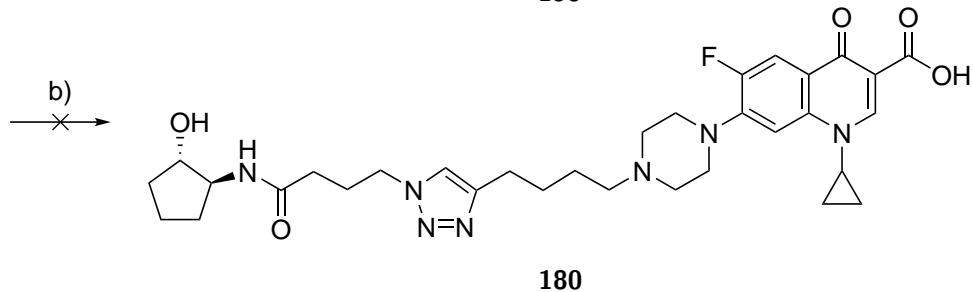
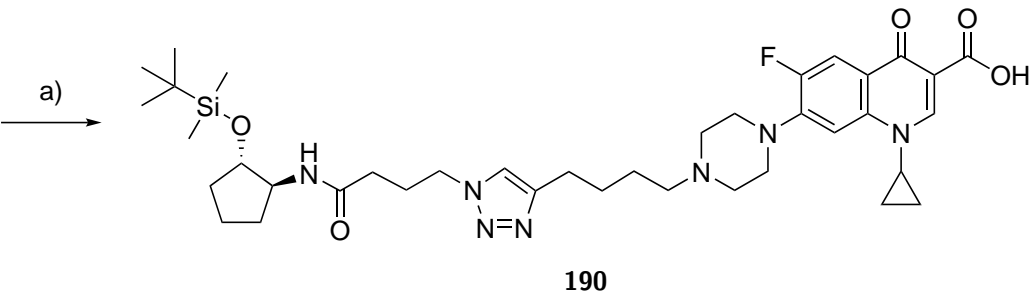
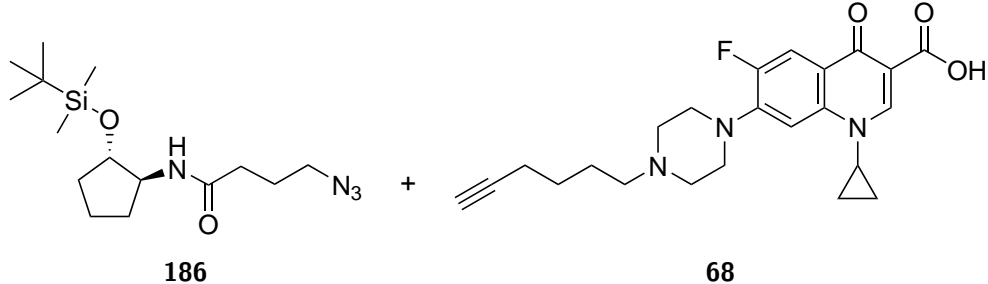


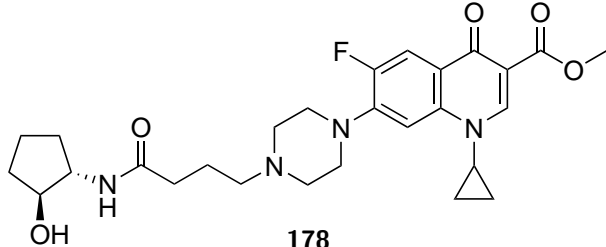
56



184

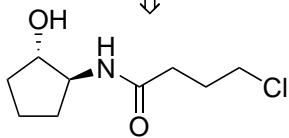






178

179



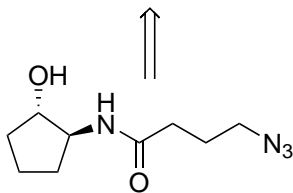
193

194



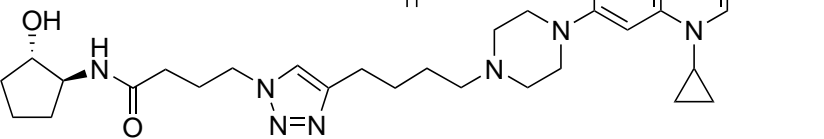
172

173



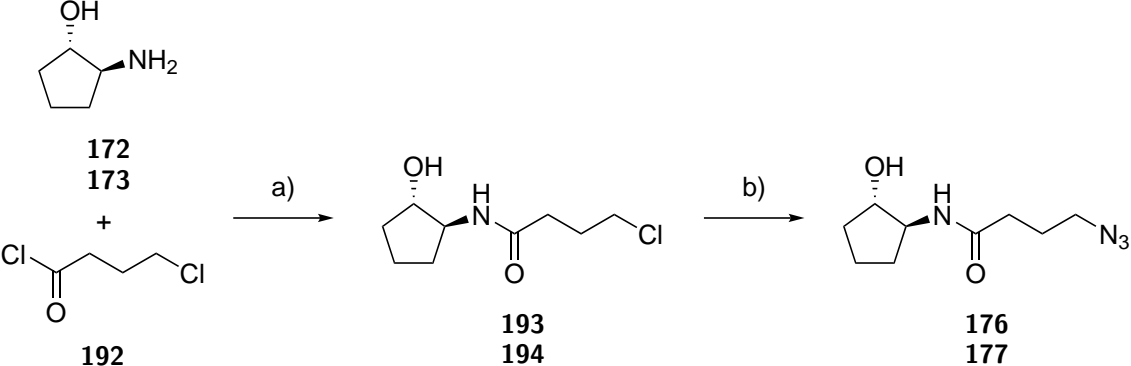
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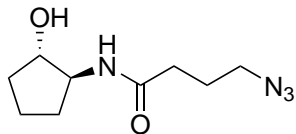
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180

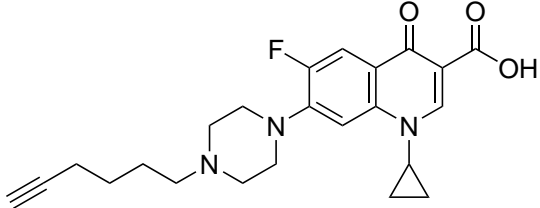
181





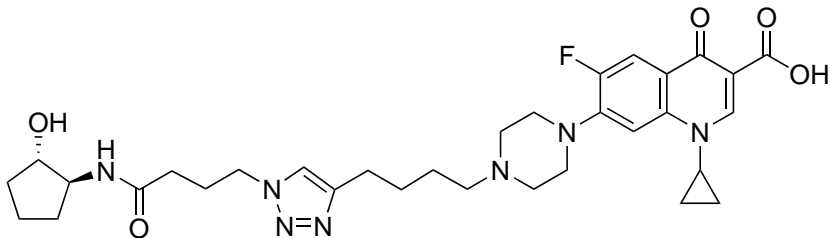
176
177

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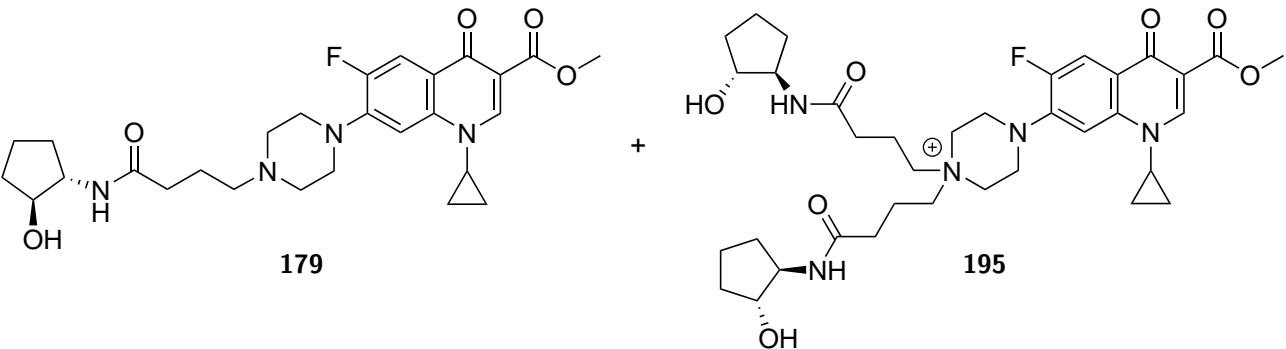
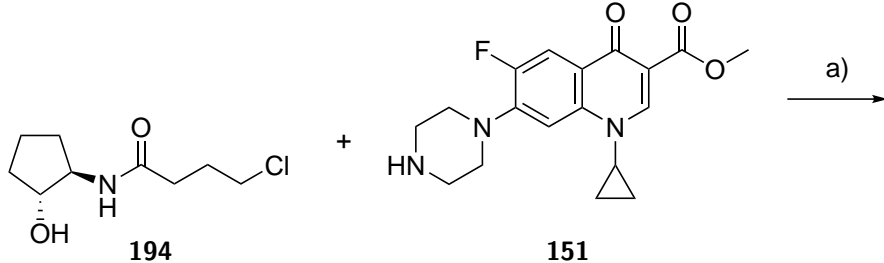


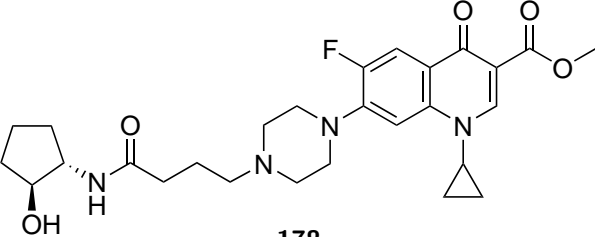
68

a)



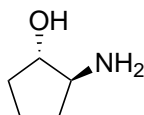
180
181





178

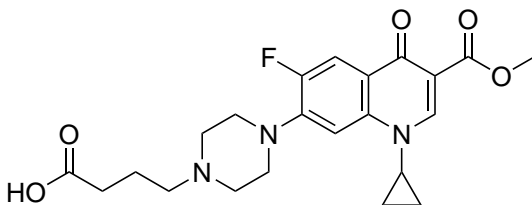
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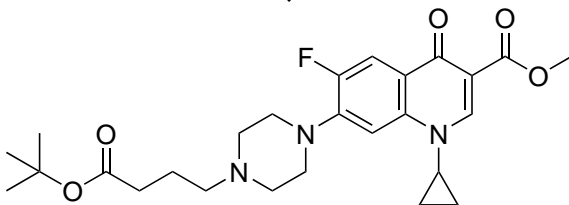
172

173

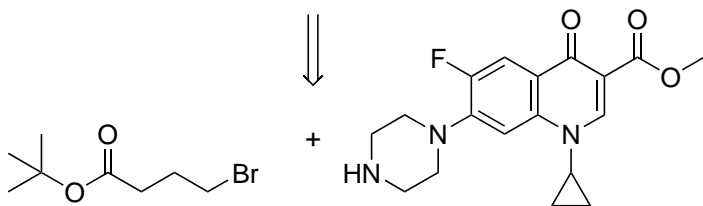
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198

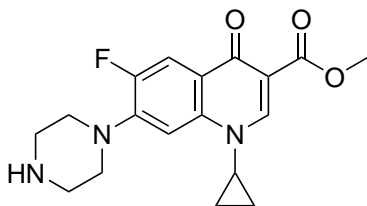


197

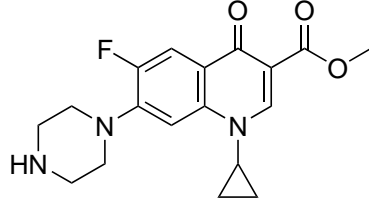


196

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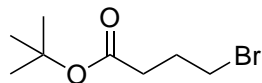


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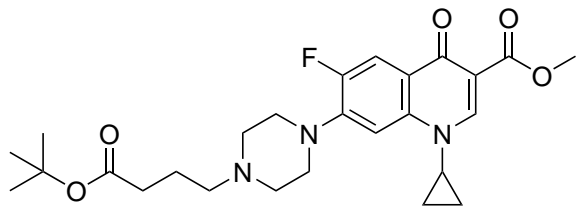
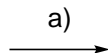


151

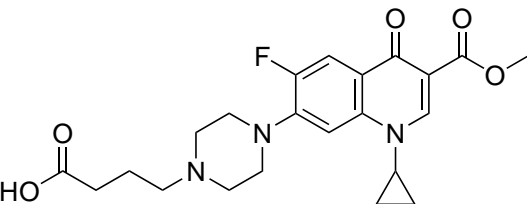
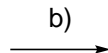
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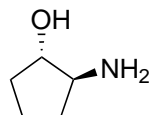
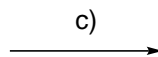
196



197

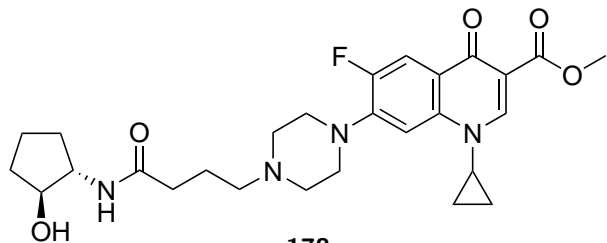


198



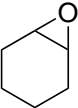
172

173

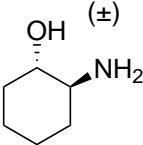
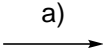


178

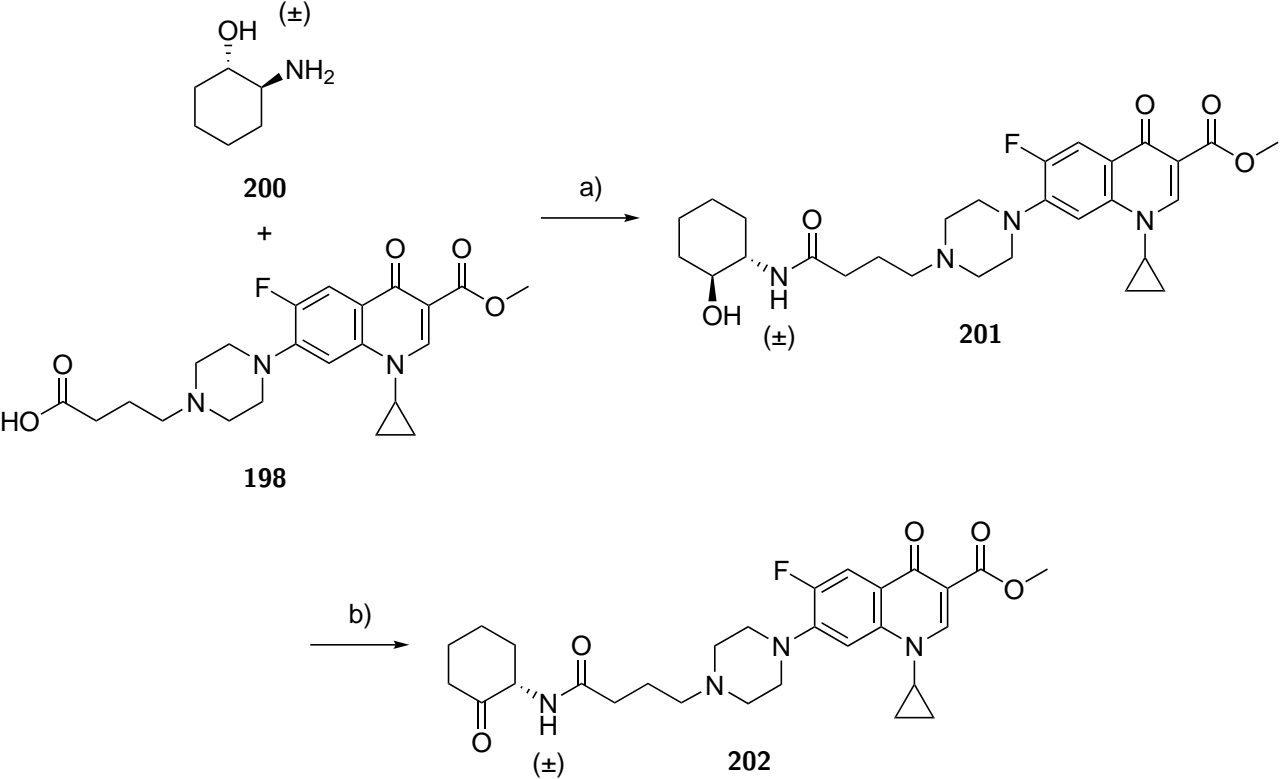
179

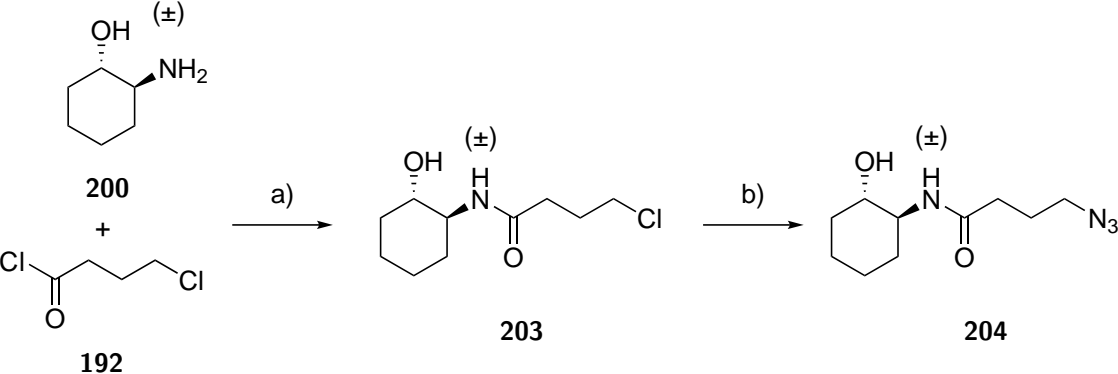


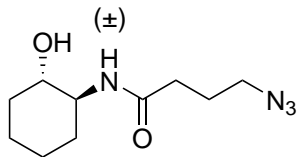
199



200

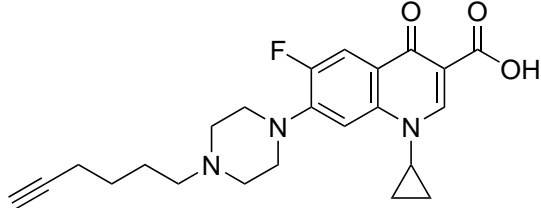






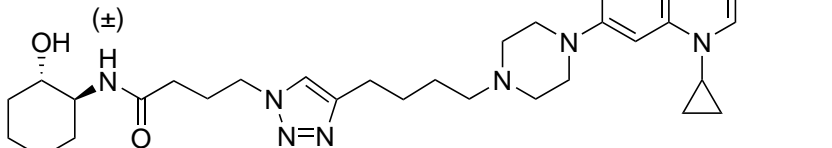
204

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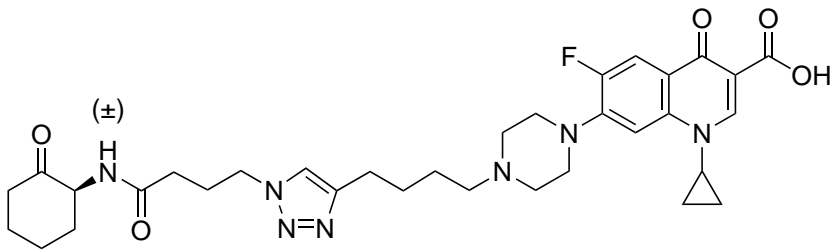
68

a)

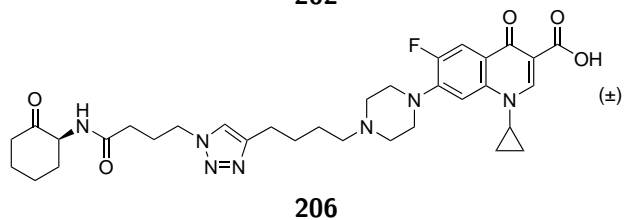
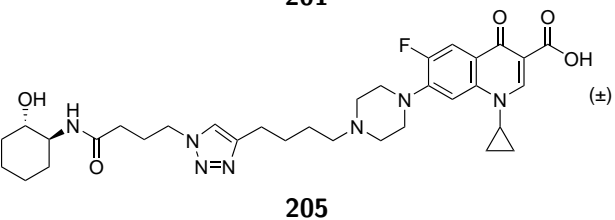
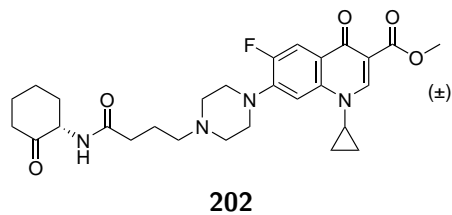
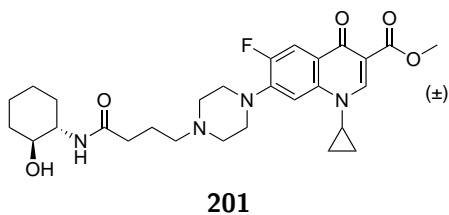
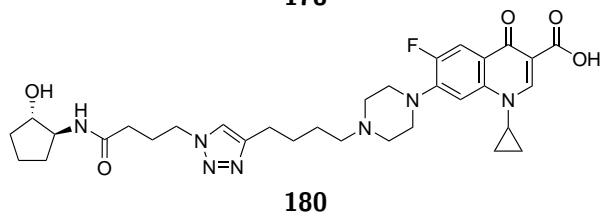
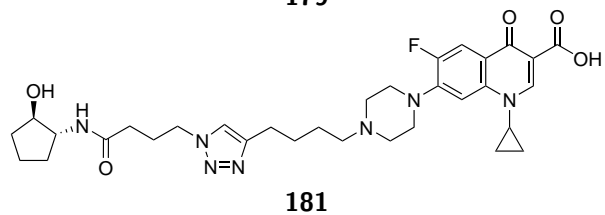
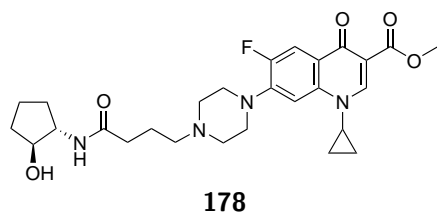
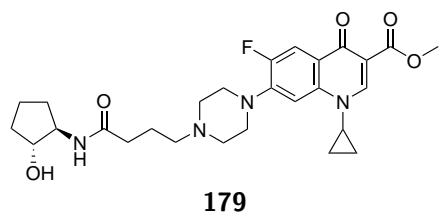
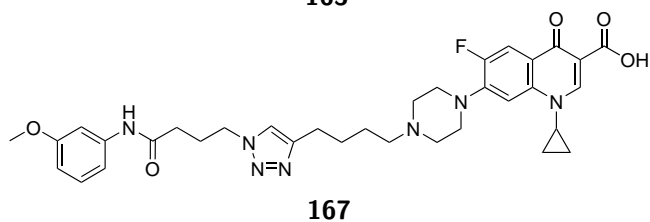
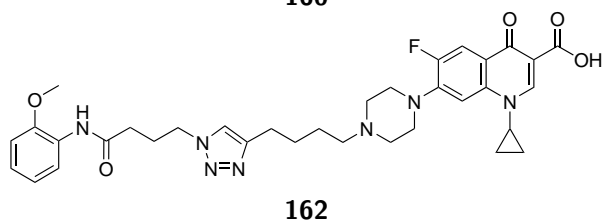
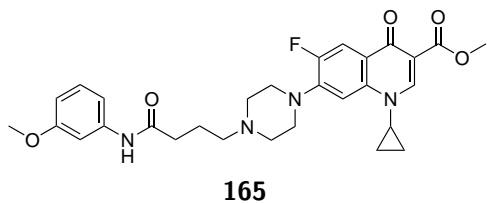
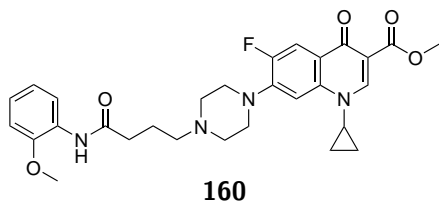
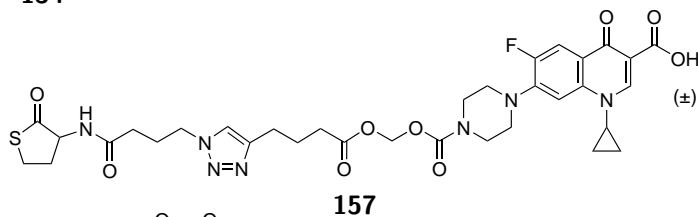
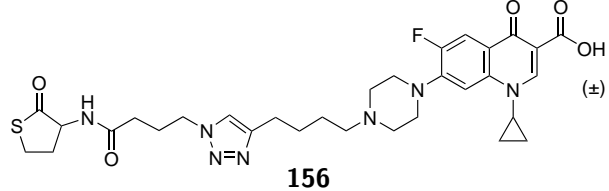
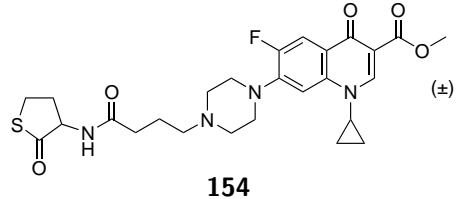


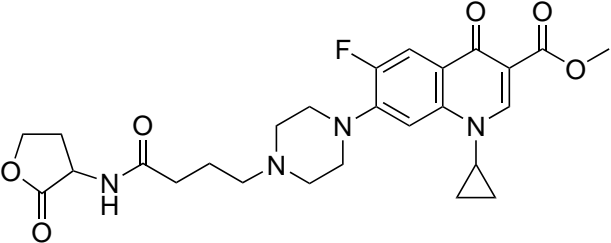
205

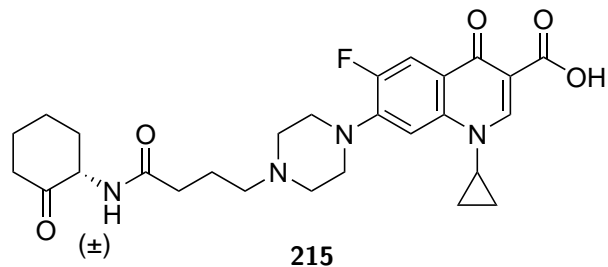
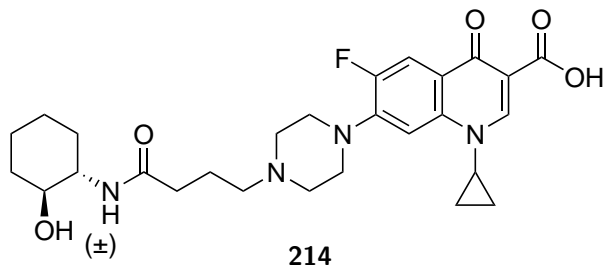
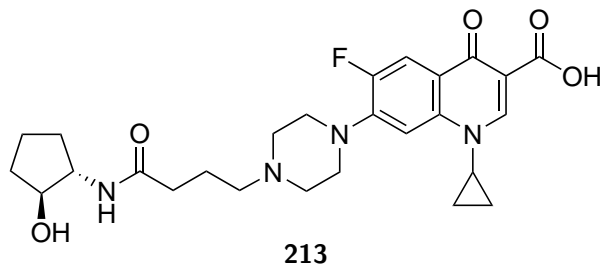
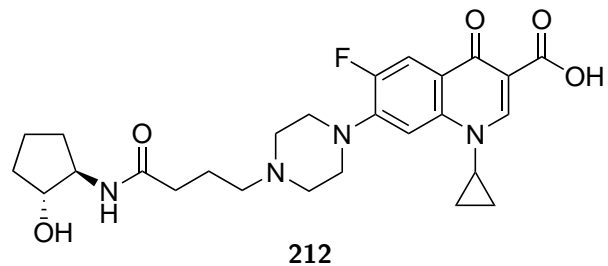
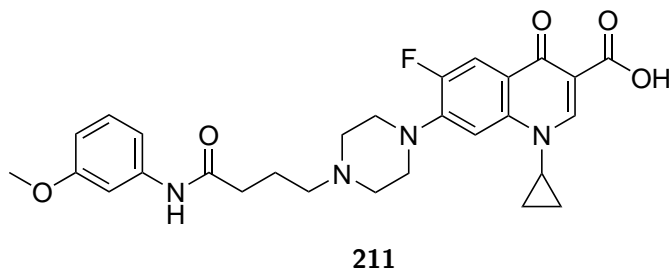
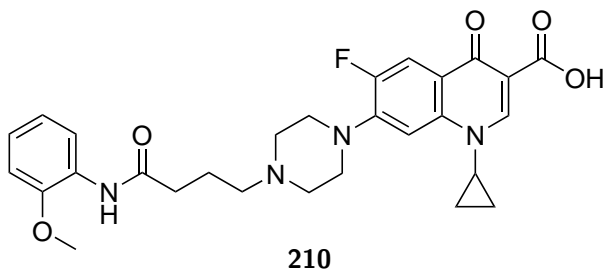
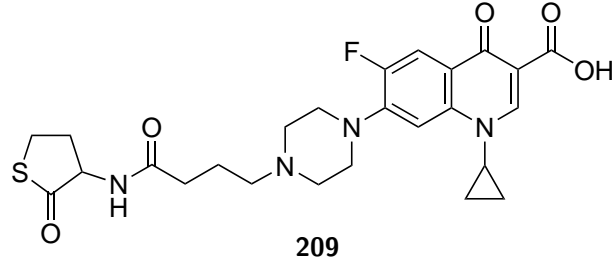
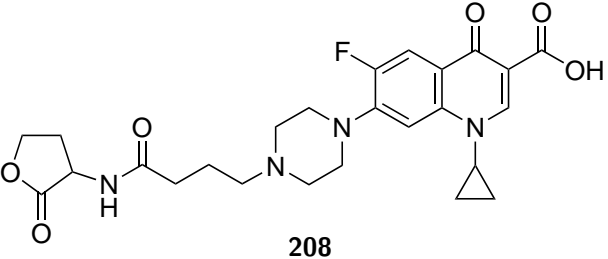
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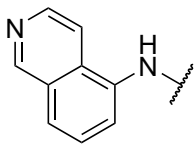
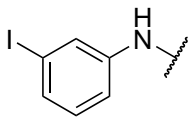
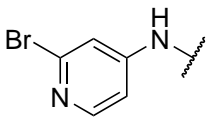
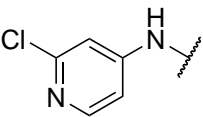
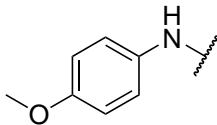
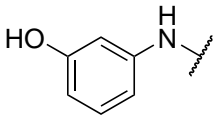
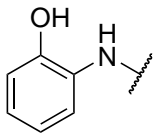
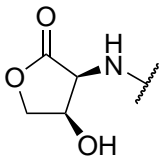
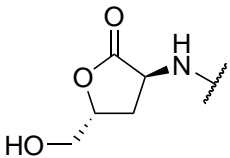
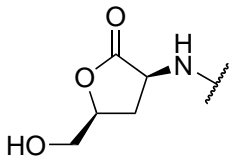
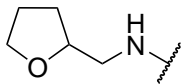
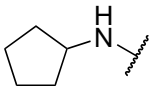
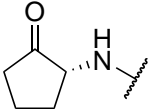
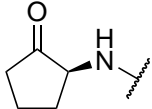


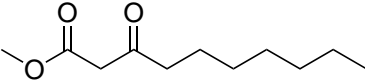
206



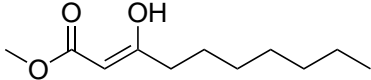




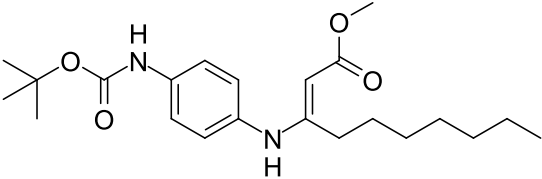


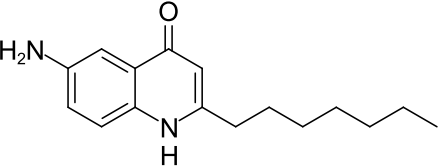


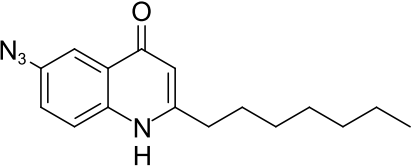
33
92 %

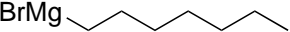


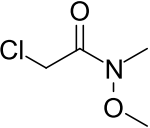
34
8 %

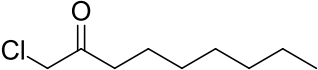


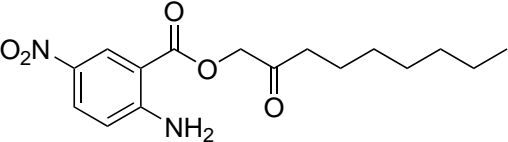


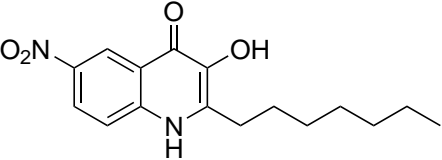


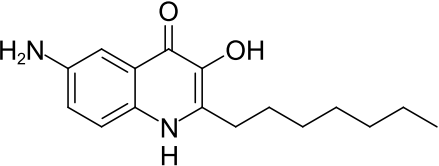


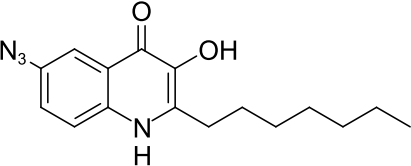


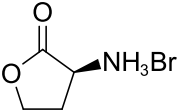


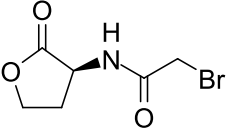


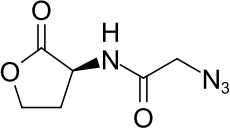


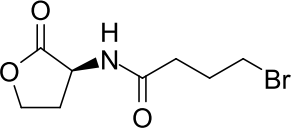


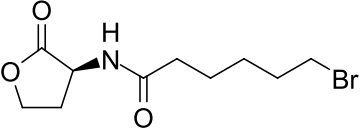


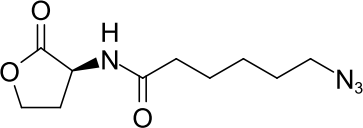


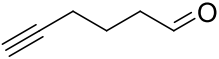


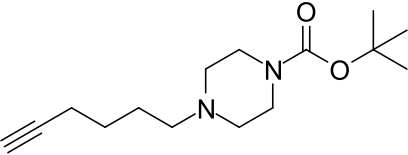


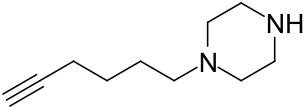


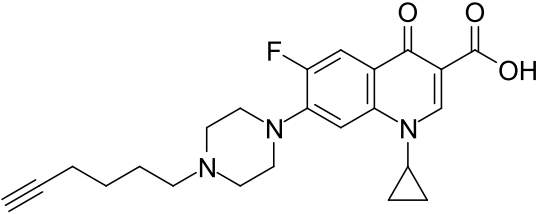


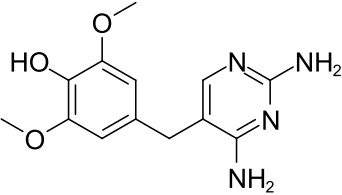


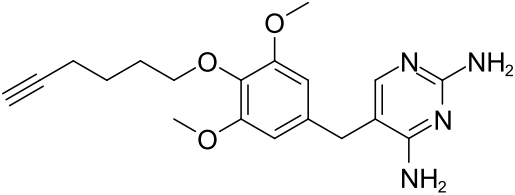


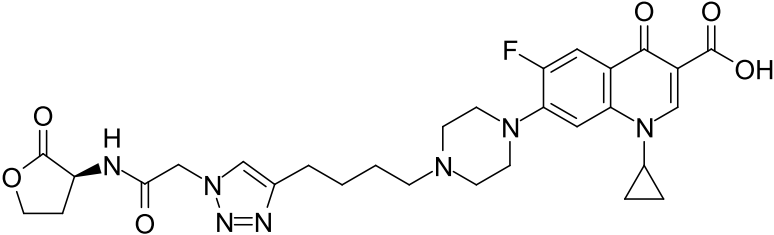


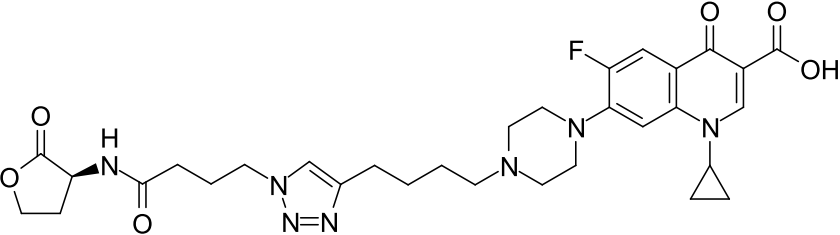


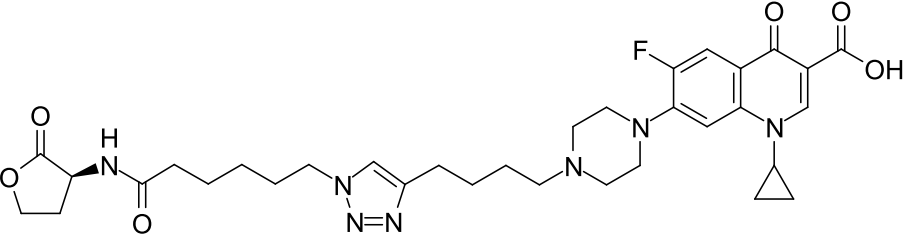


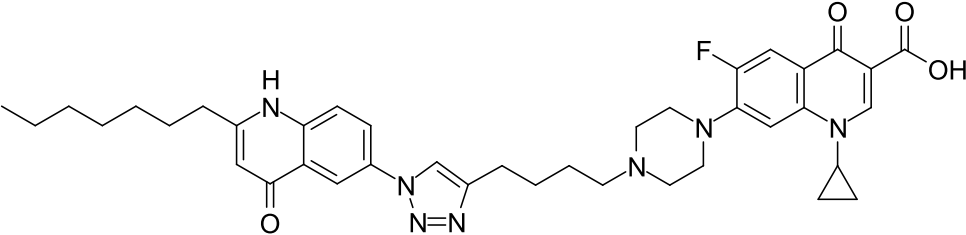


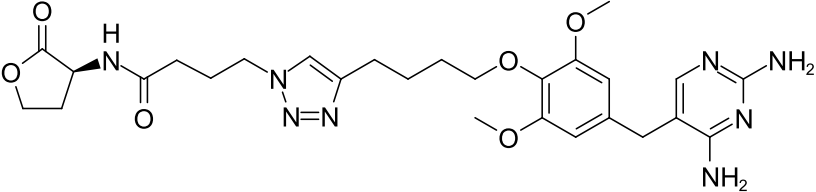


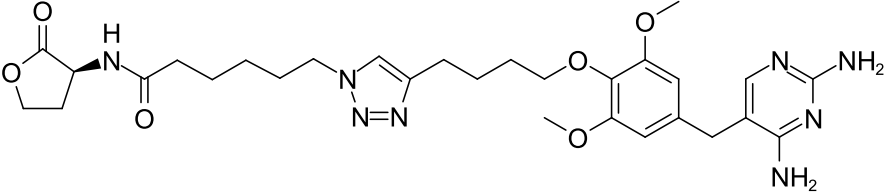


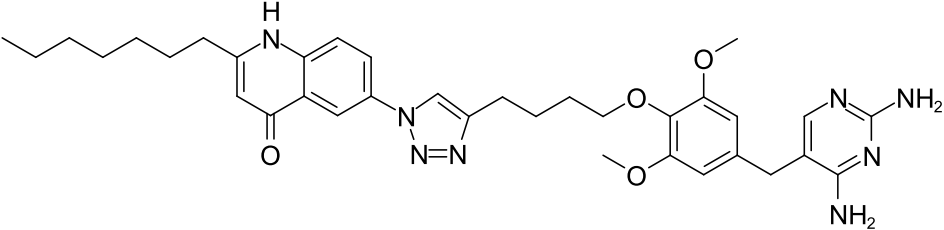


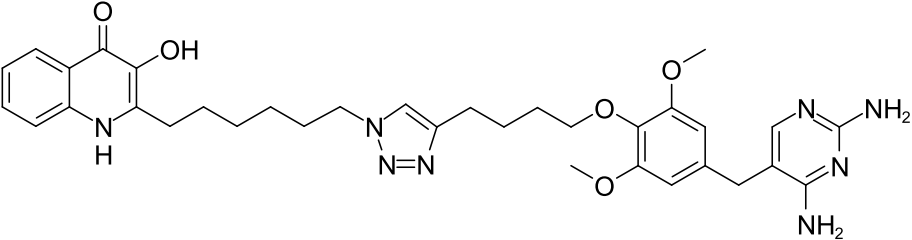


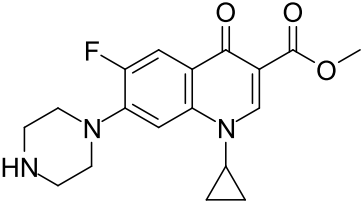


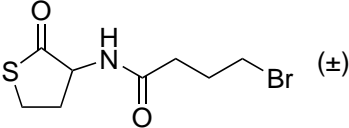


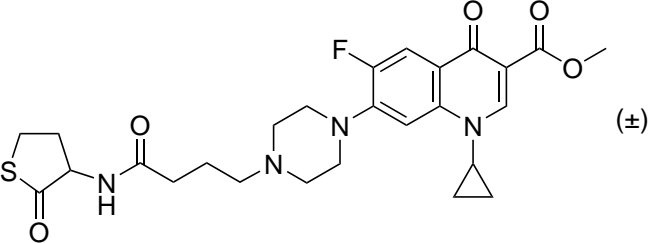


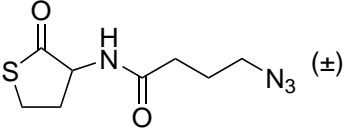


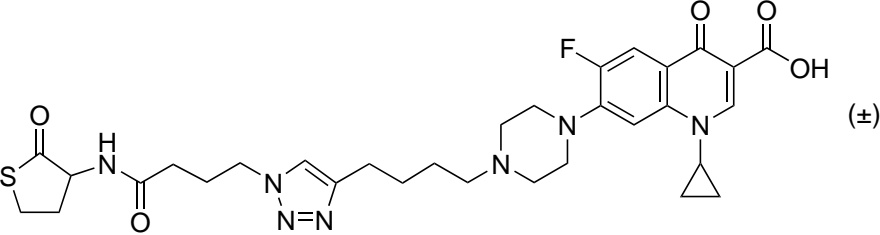


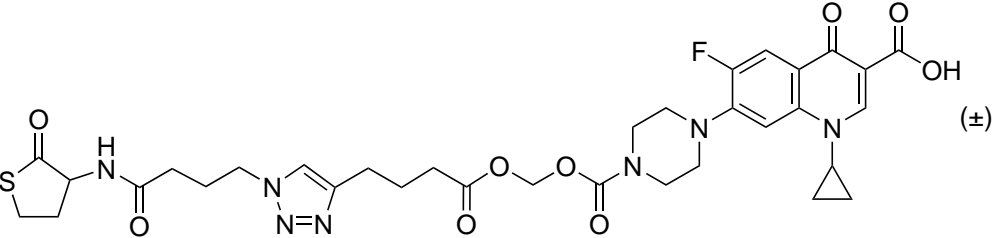


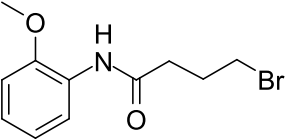


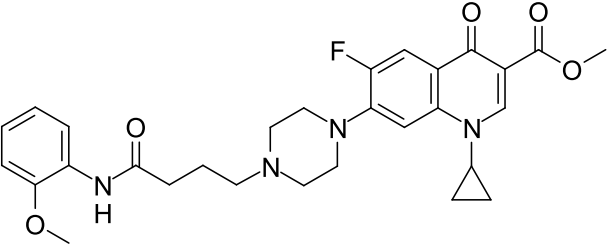


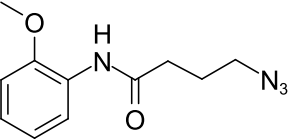


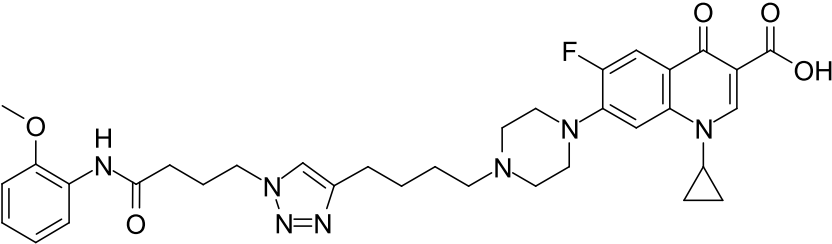


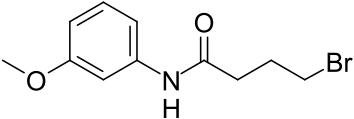


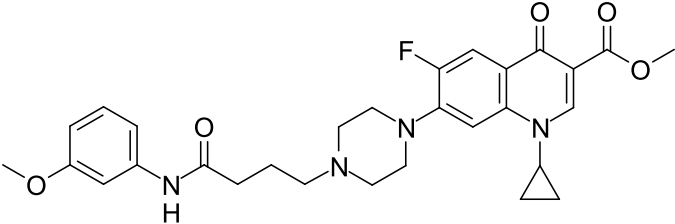


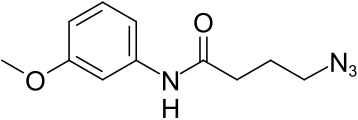


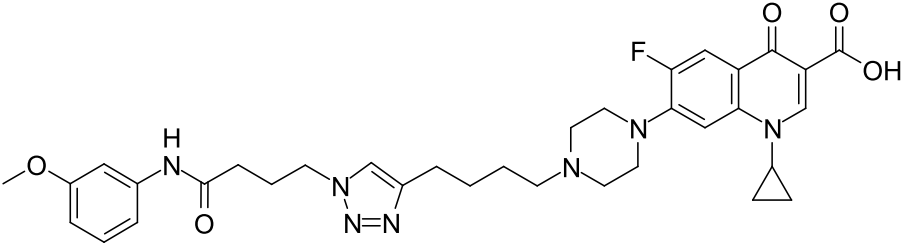


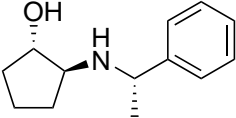




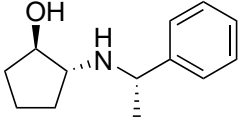








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