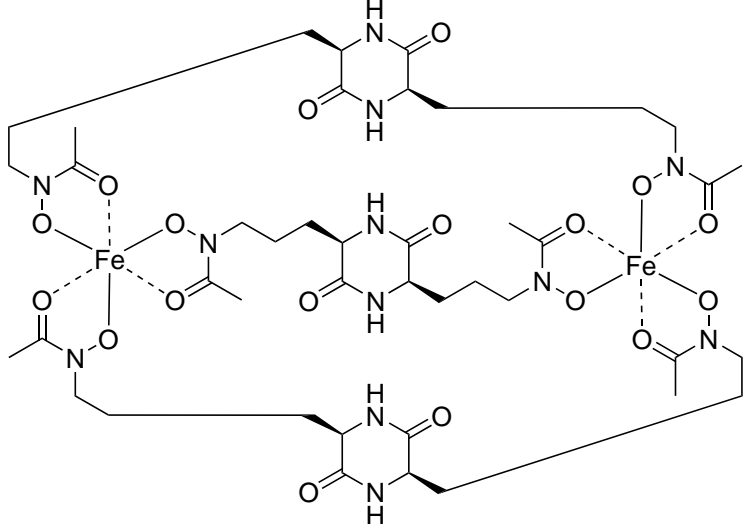
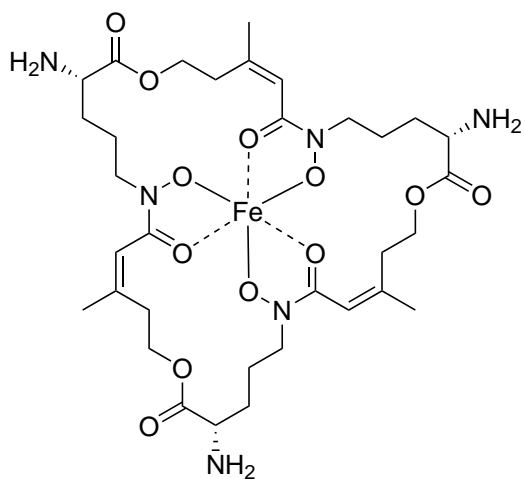


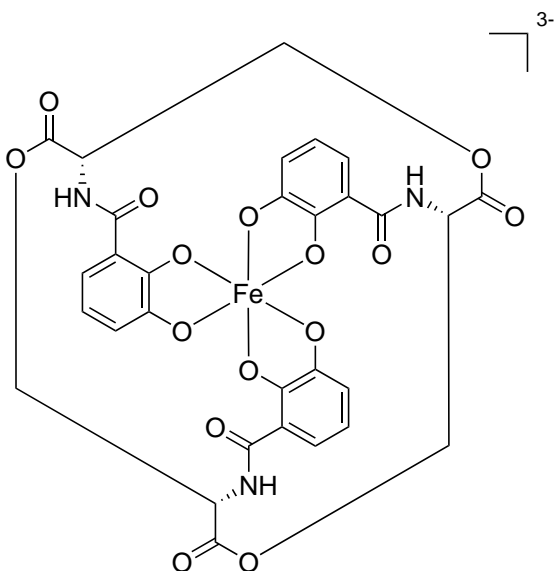
Deferoxamine B  
1



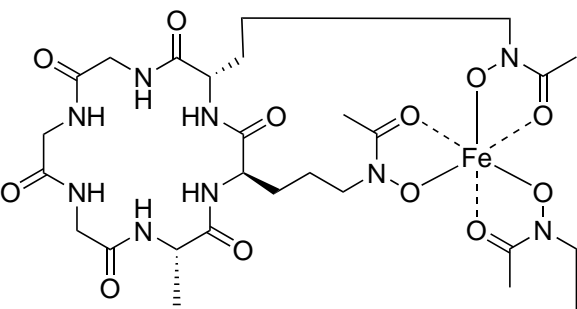
Rhodotorulic acid  
2



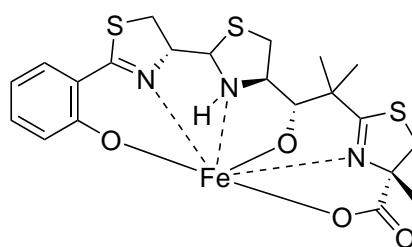
Fusarinine C  
3



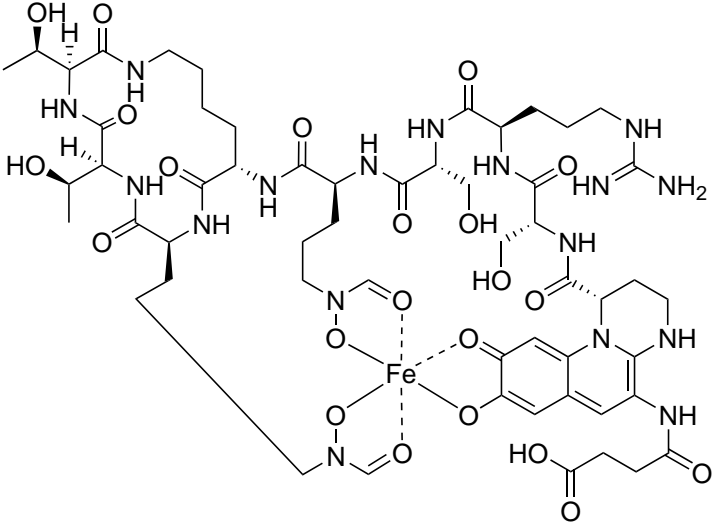
Enterobactin  
4



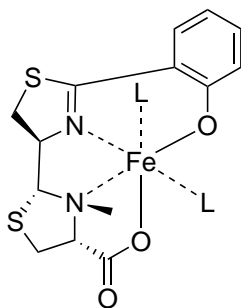
Ferrichrome  
5



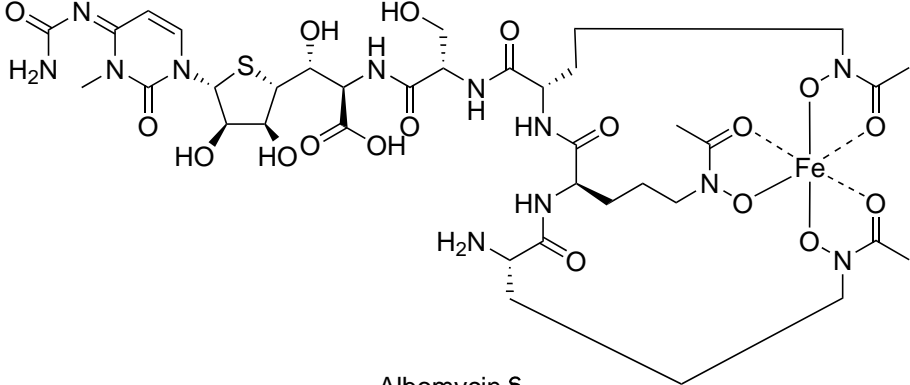
Yersiniabactin  
6



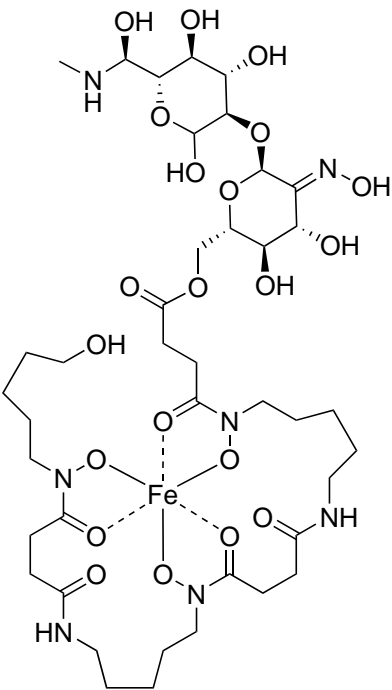
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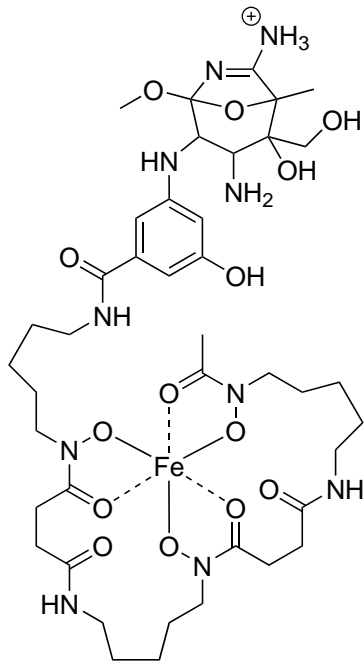
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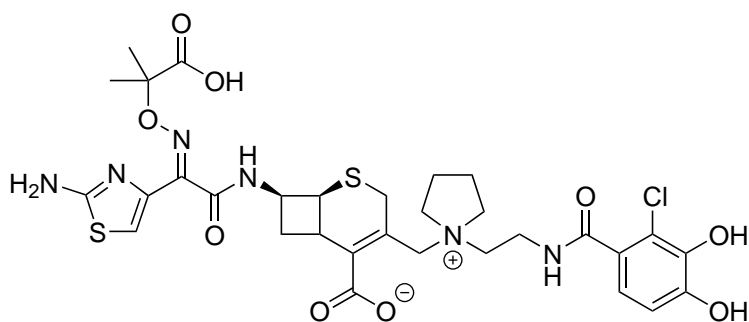
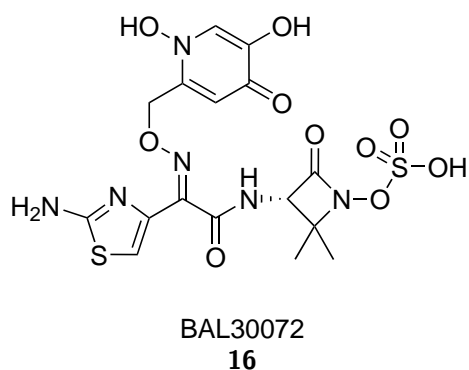
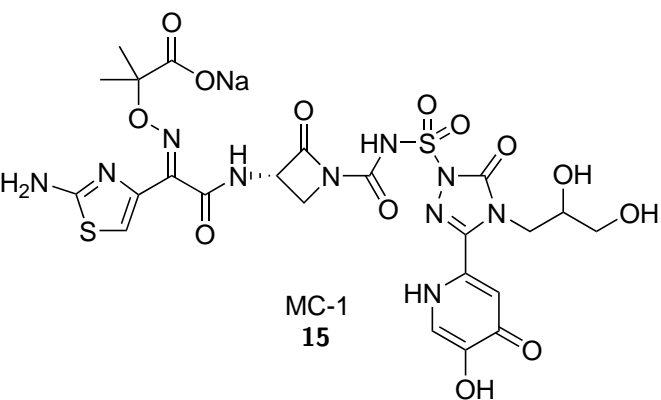
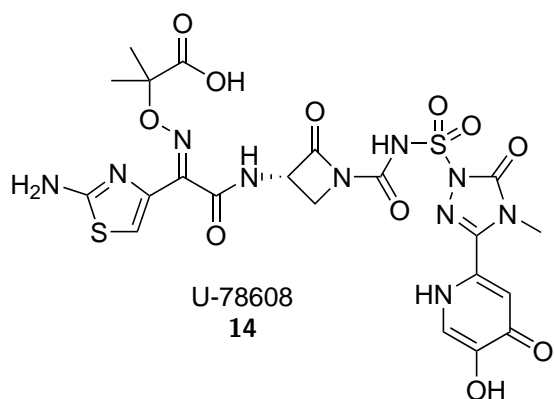
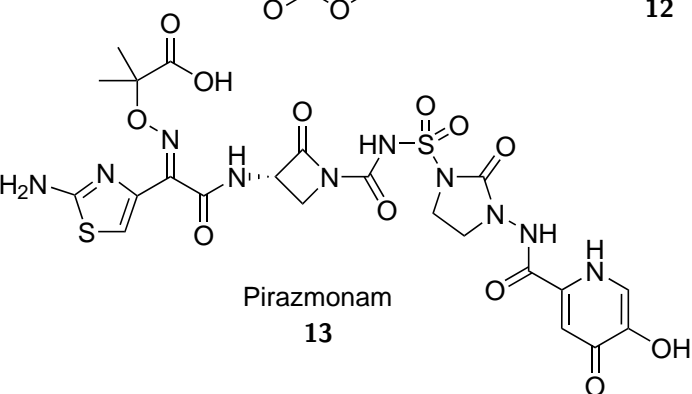
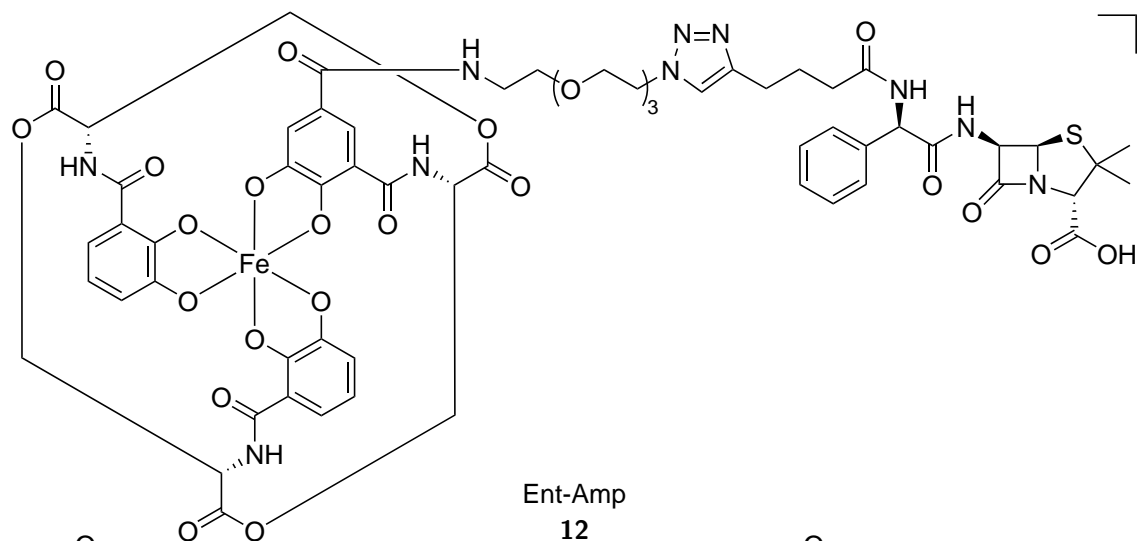
Albomycin  $\delta_2$   
9

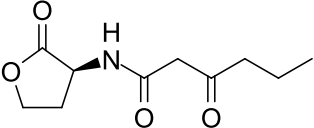


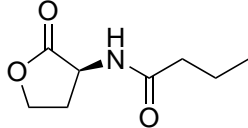
Salmycin A  
10



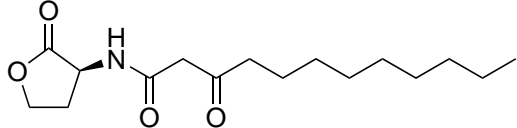
Ferrimycin A1  
11



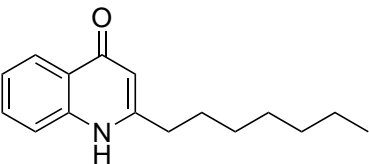




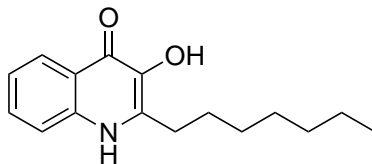
C<sub>4</sub>-HSL  
**19**



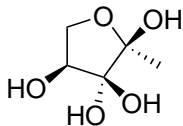
3-oxo-C<sub>12</sub>-HSL  
**20**



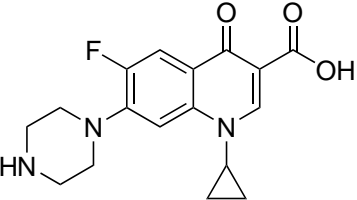
HHQ  
**21**



PQS  
**22**

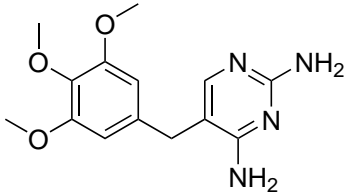


Al-2  
**23**



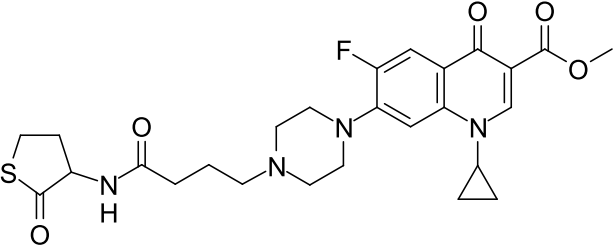
Ciprofloxacin

24

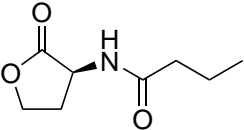


Trimethoprim

25

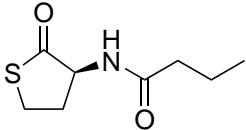






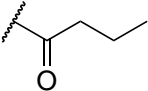
C<sub>4</sub>-HSL

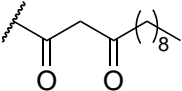
19

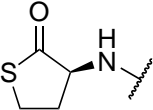


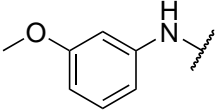
C<sub>4</sub>-HCTL

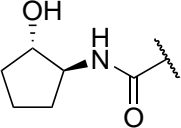
26

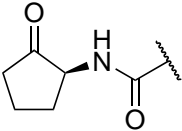


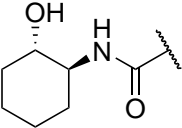




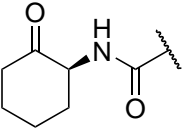


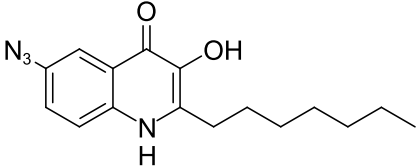
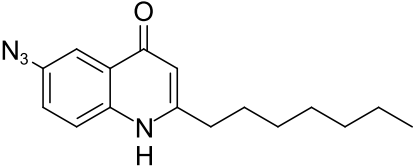


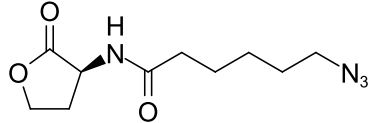
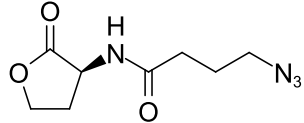
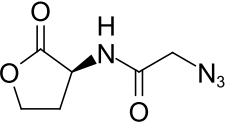


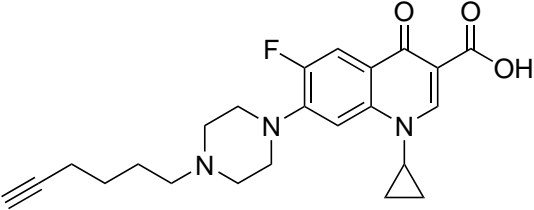




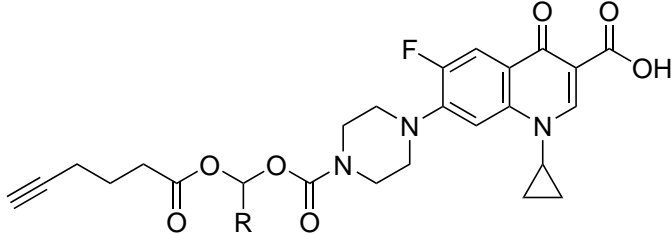






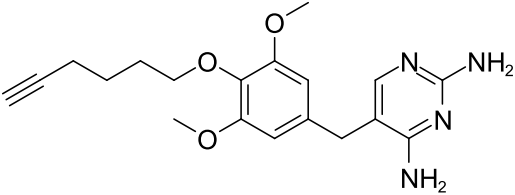


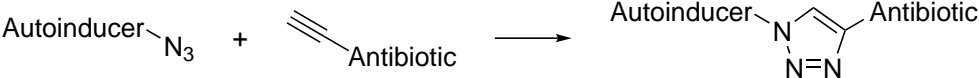
**66**

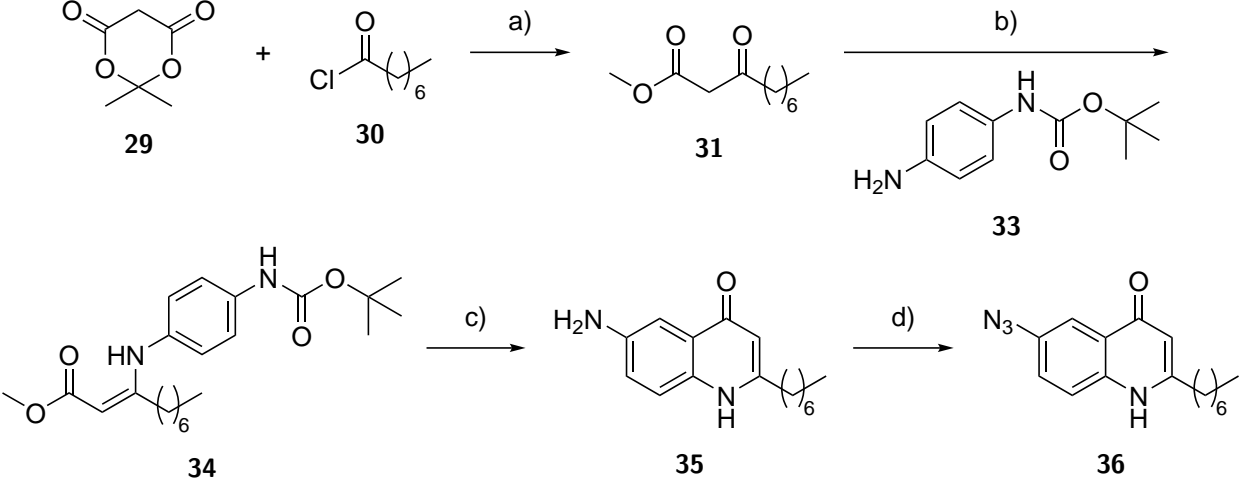


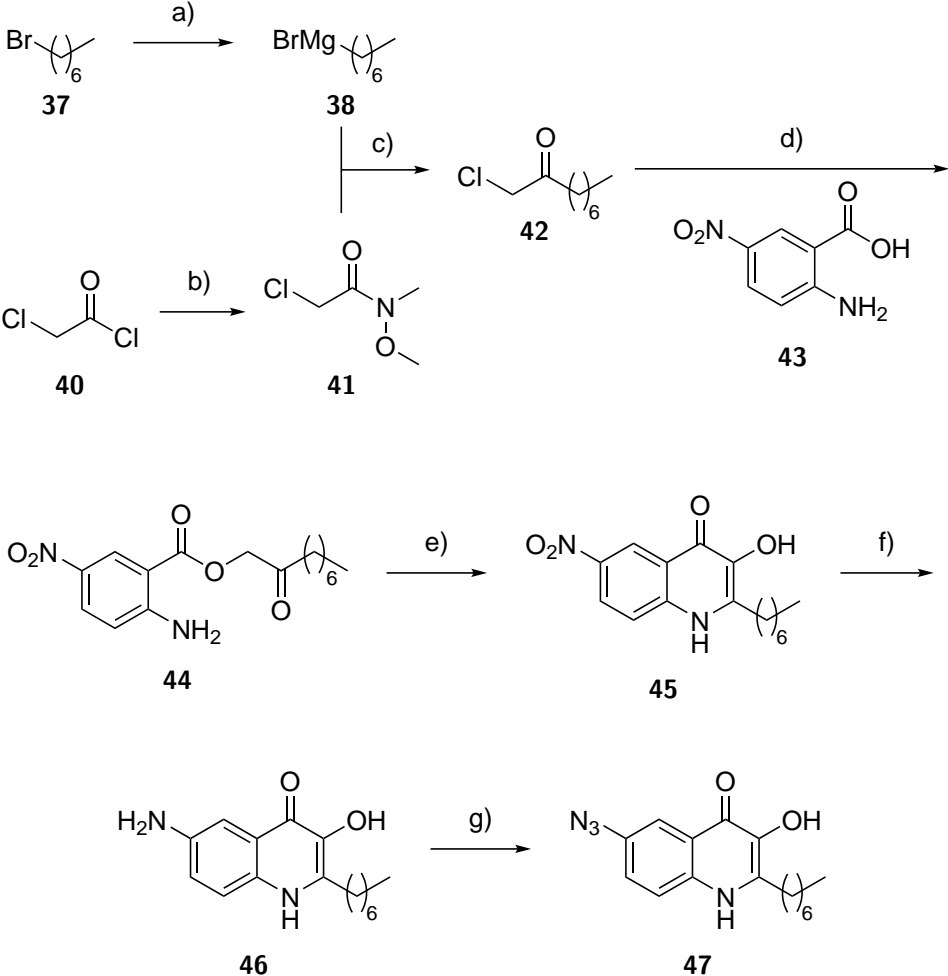
**R = H 88**

**R = Me 89**

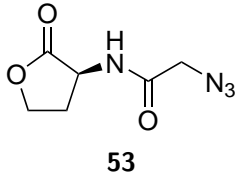
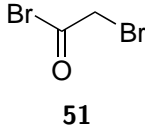
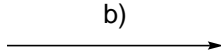
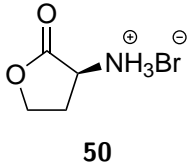
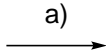
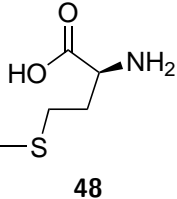


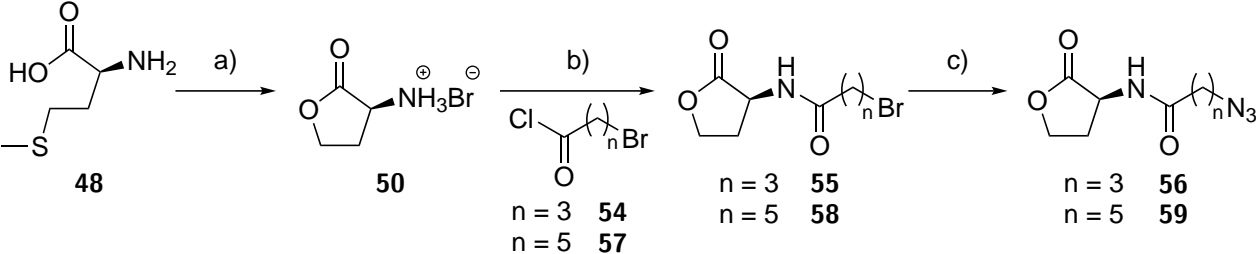


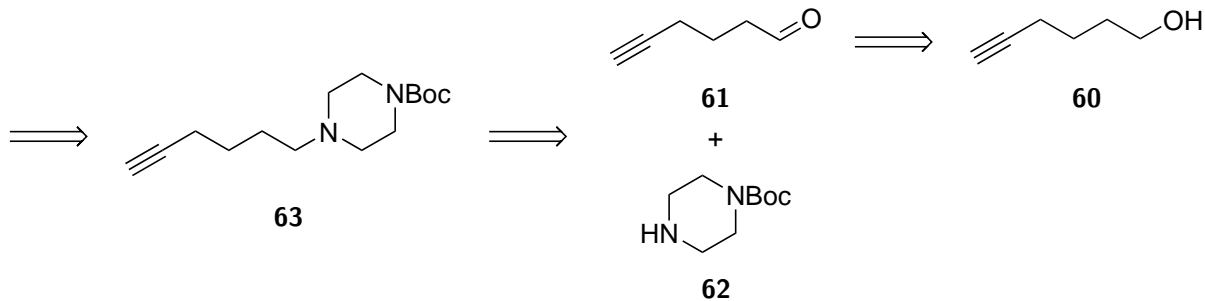
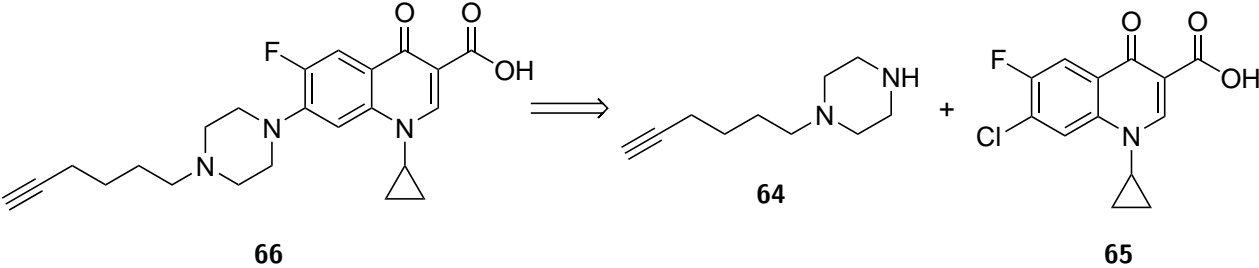


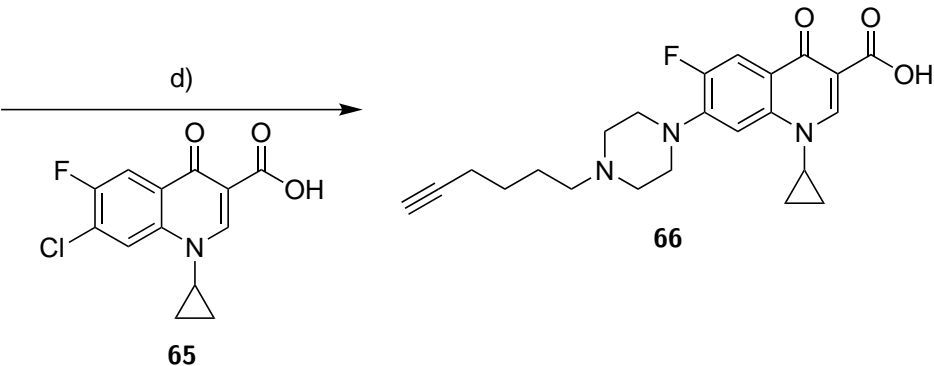
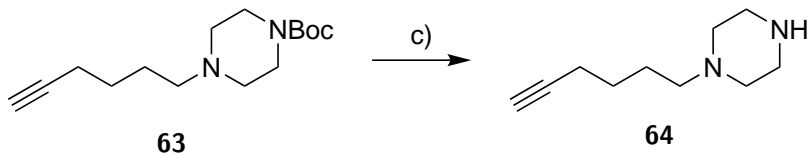
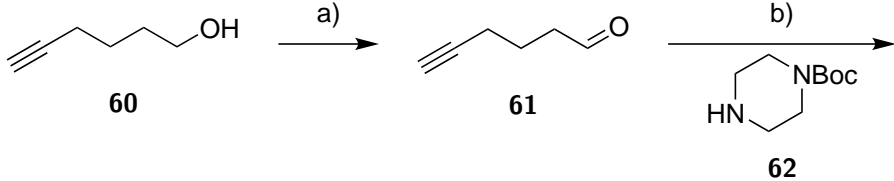


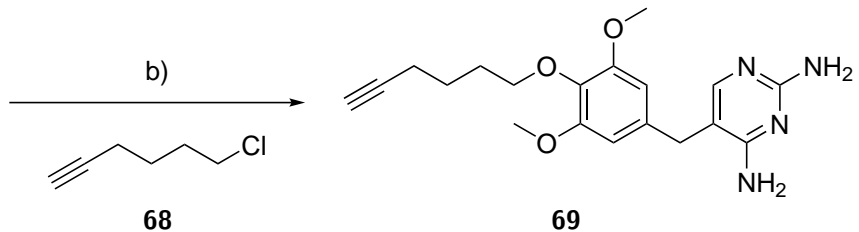
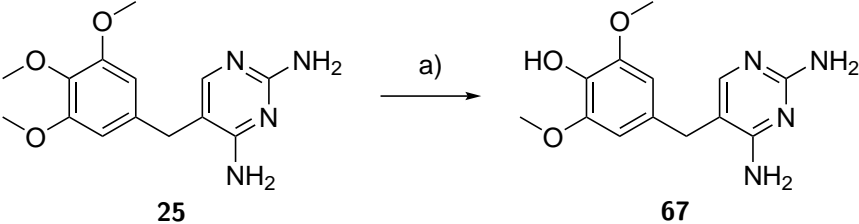


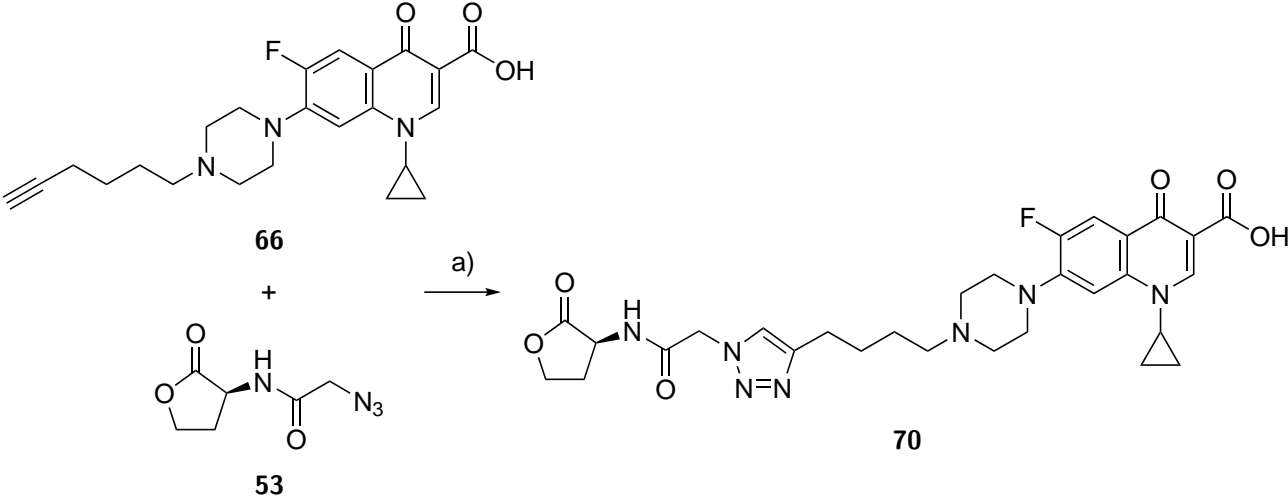


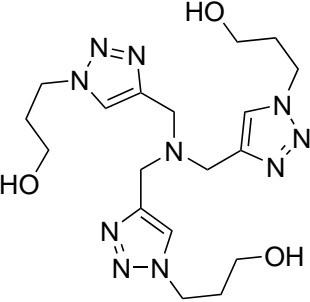


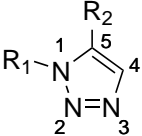
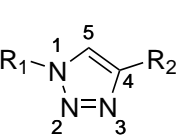




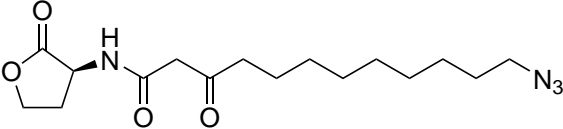




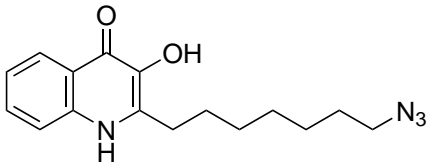




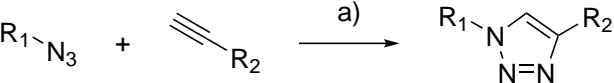


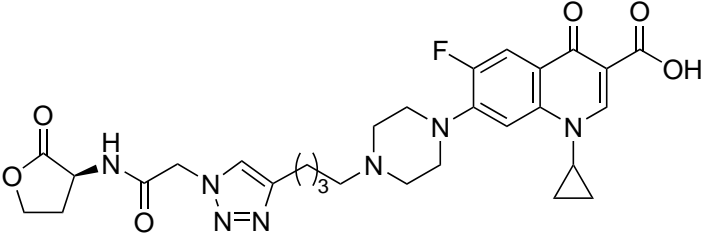


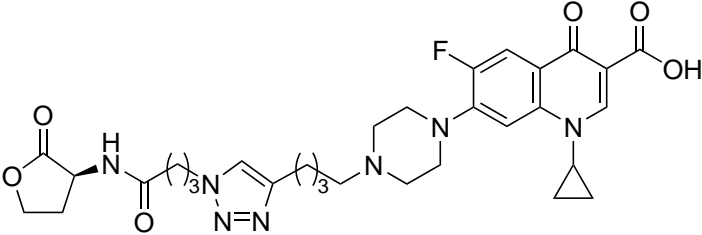
73

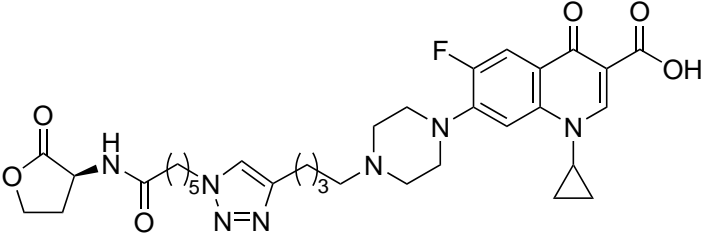


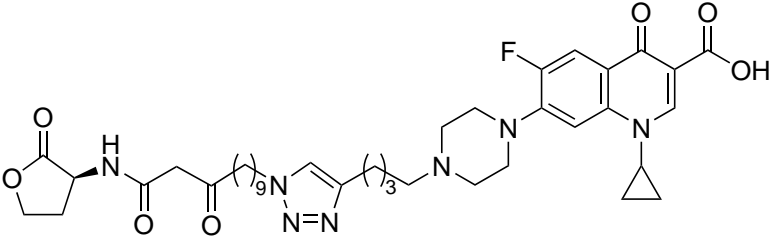
74

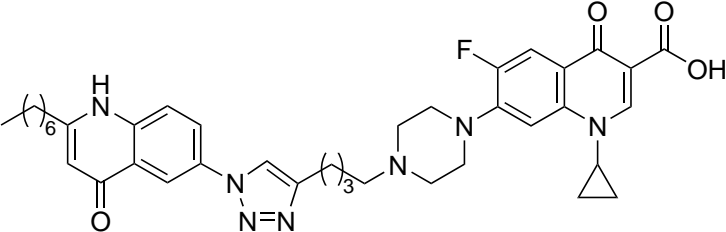


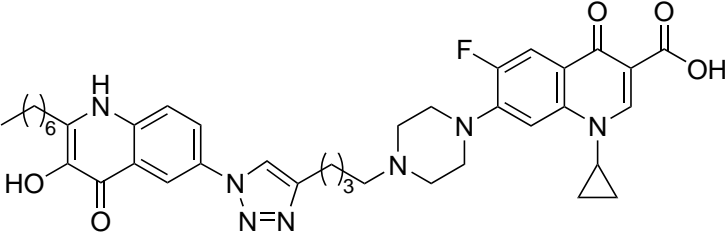




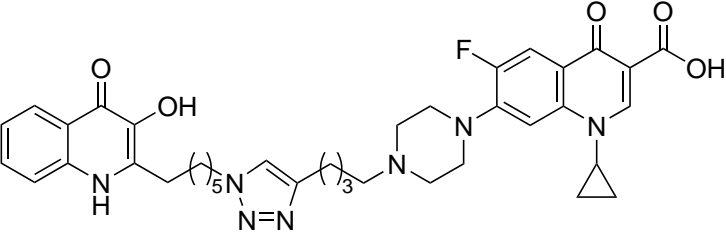


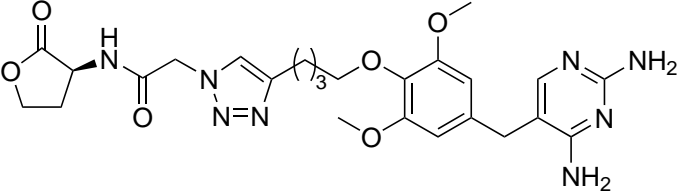


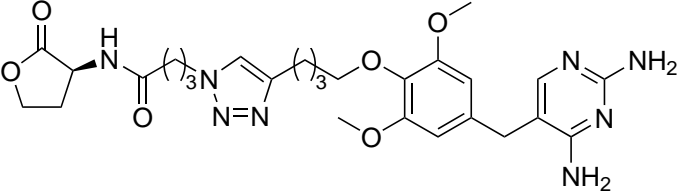


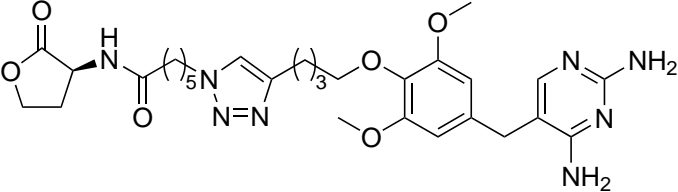


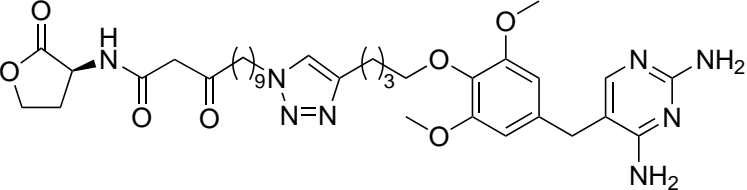


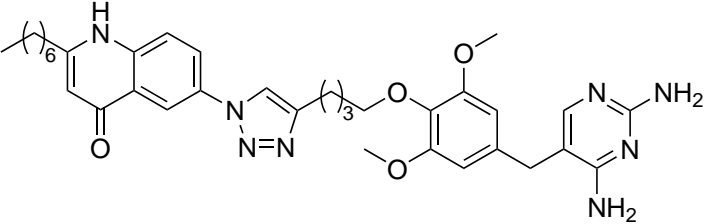


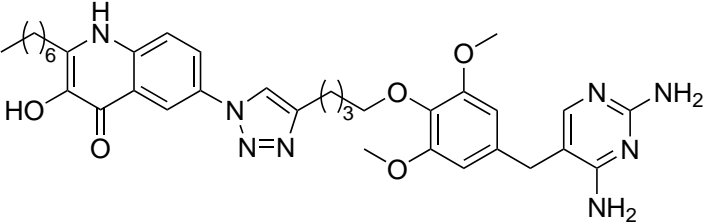


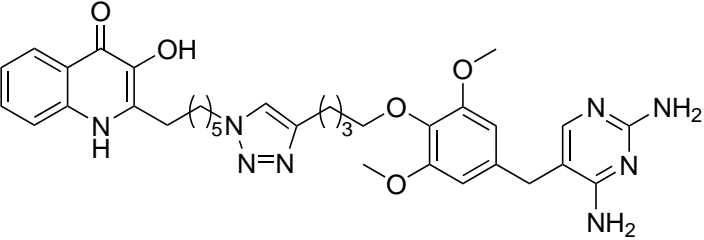




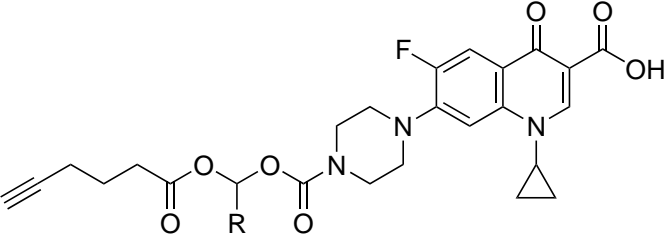






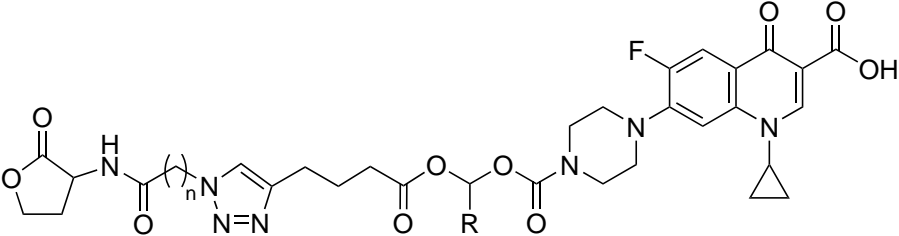






$R = H$  **88**

$R = Me$  **89**



$n = 1, R = H$      **90**

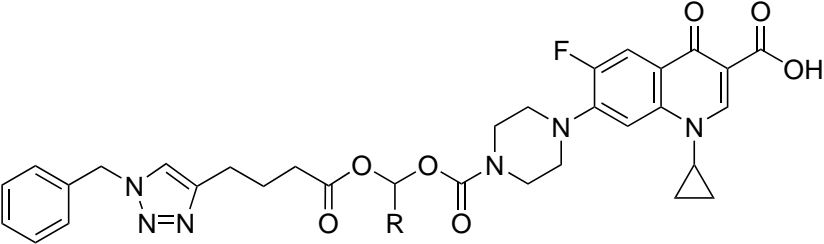
$n = 3, R = H$      **91**

$n = 5, R = H$      **92**

$n = 1, R = Me$      **93**

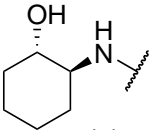
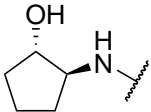
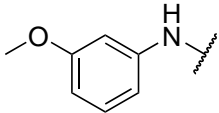
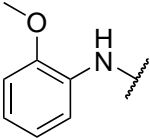
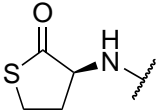
$n = 3, R = Me$      **94**

$n = 5, R = Me$      **95**

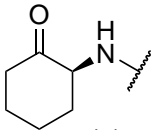


R = H 96

**R = Me 97**

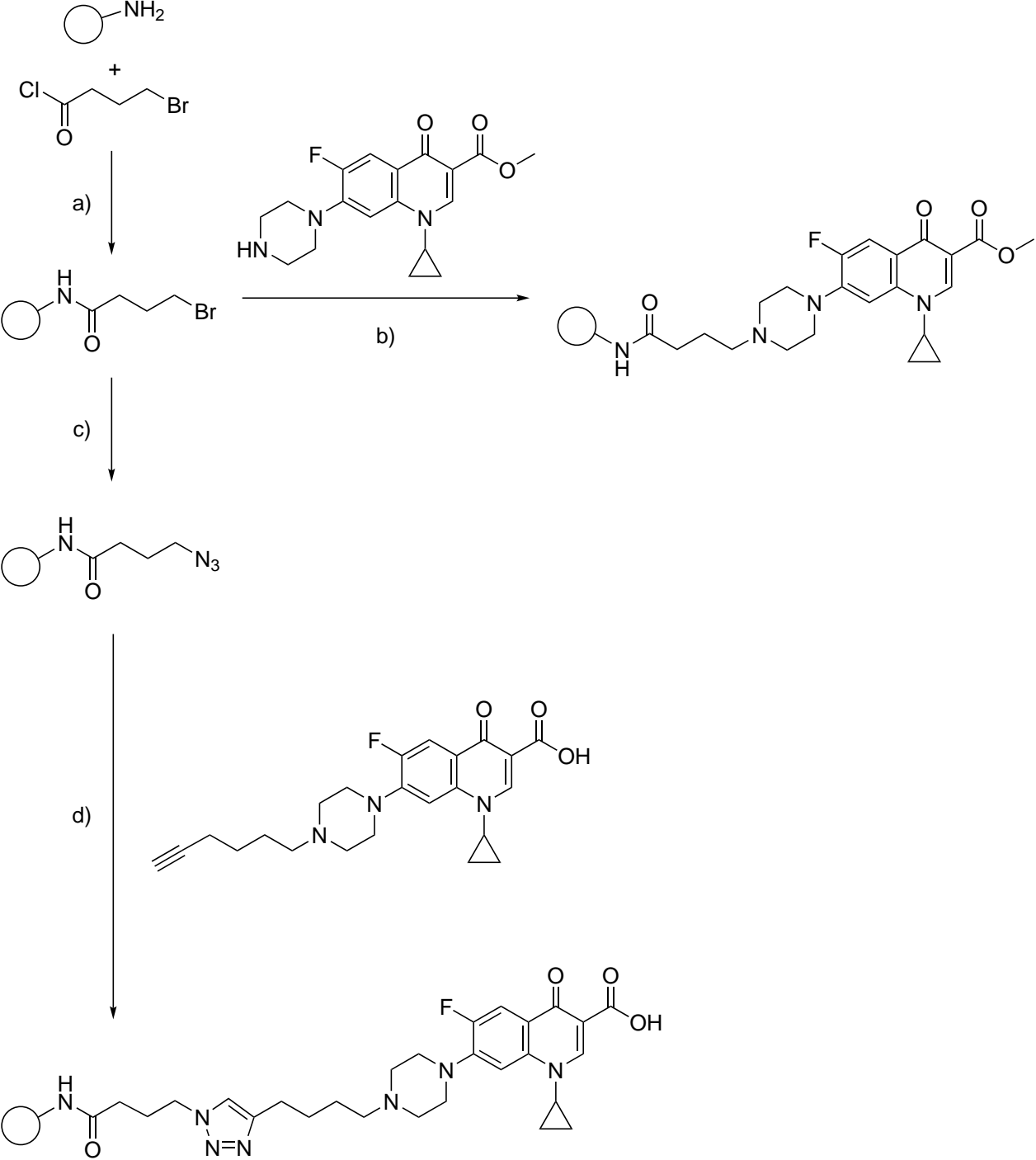


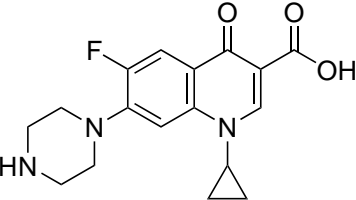
(±)



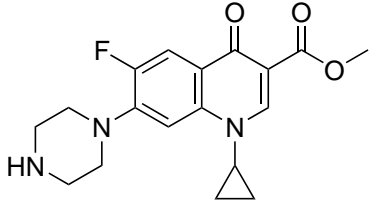
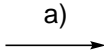
(±)

and enantiomer

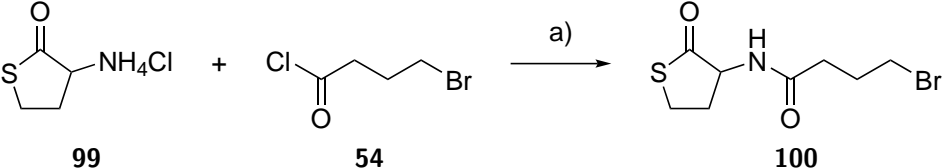


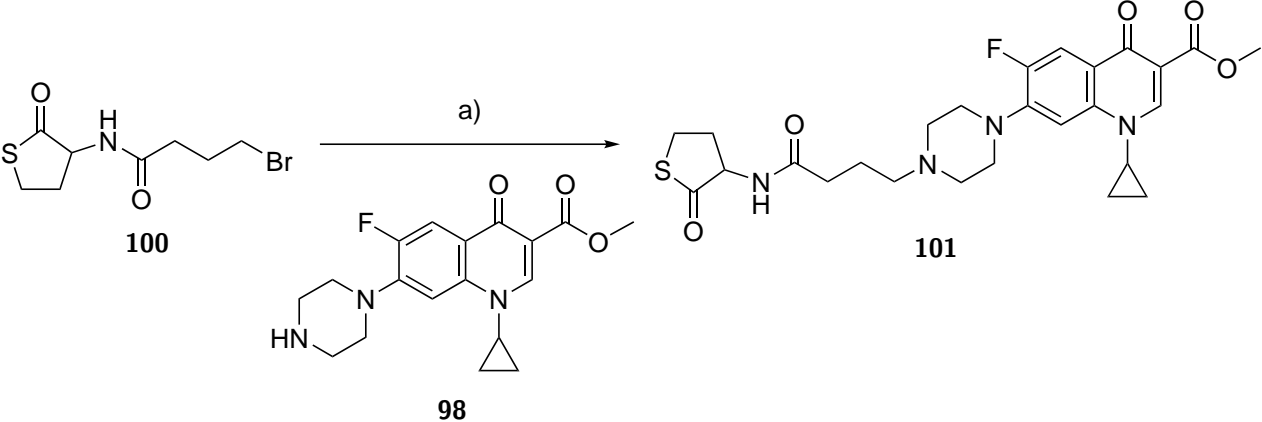


24

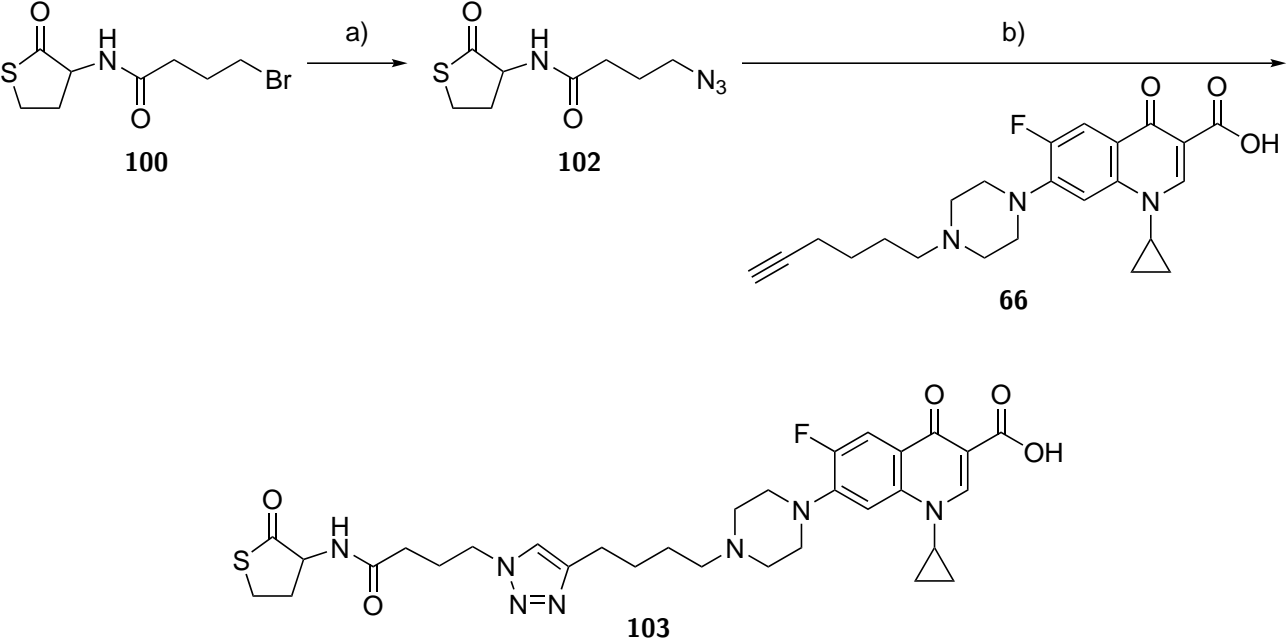


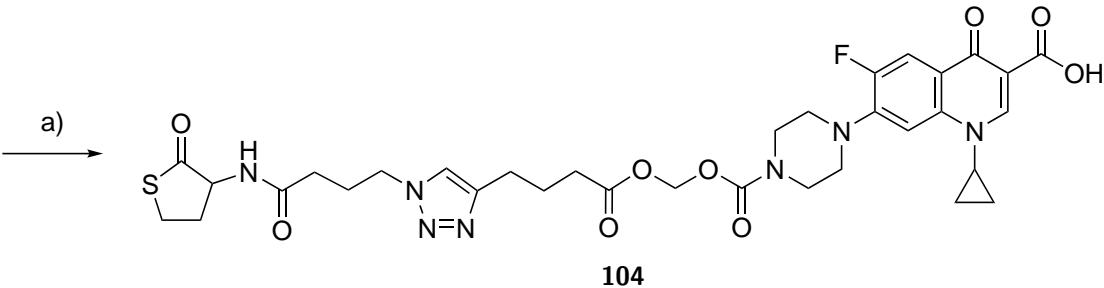
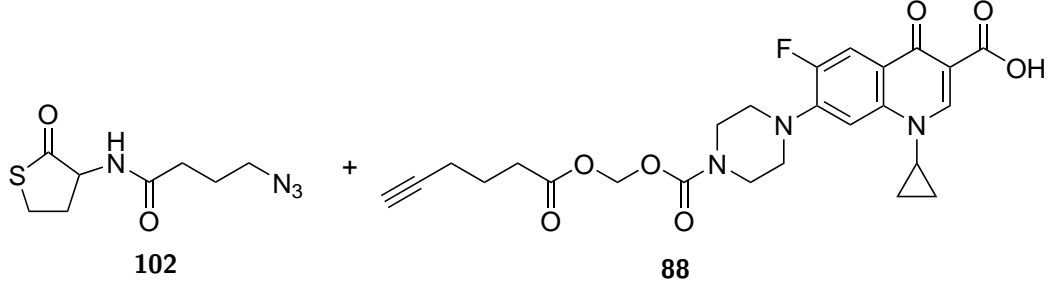
98

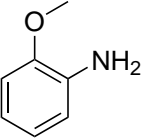






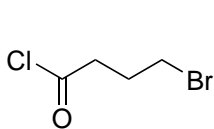






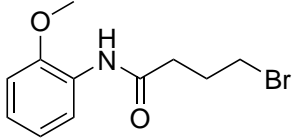
105

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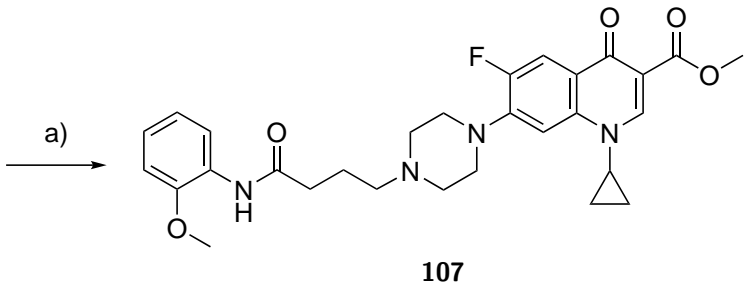
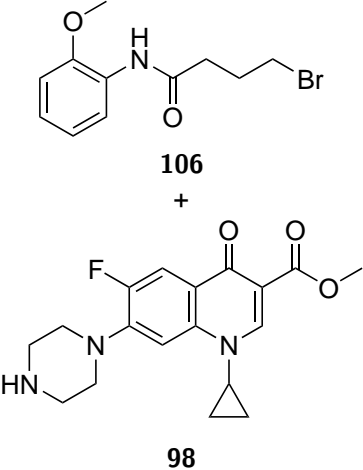


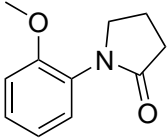
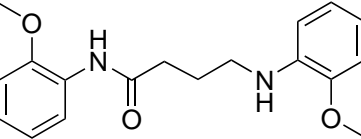
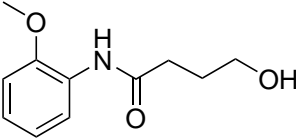
54

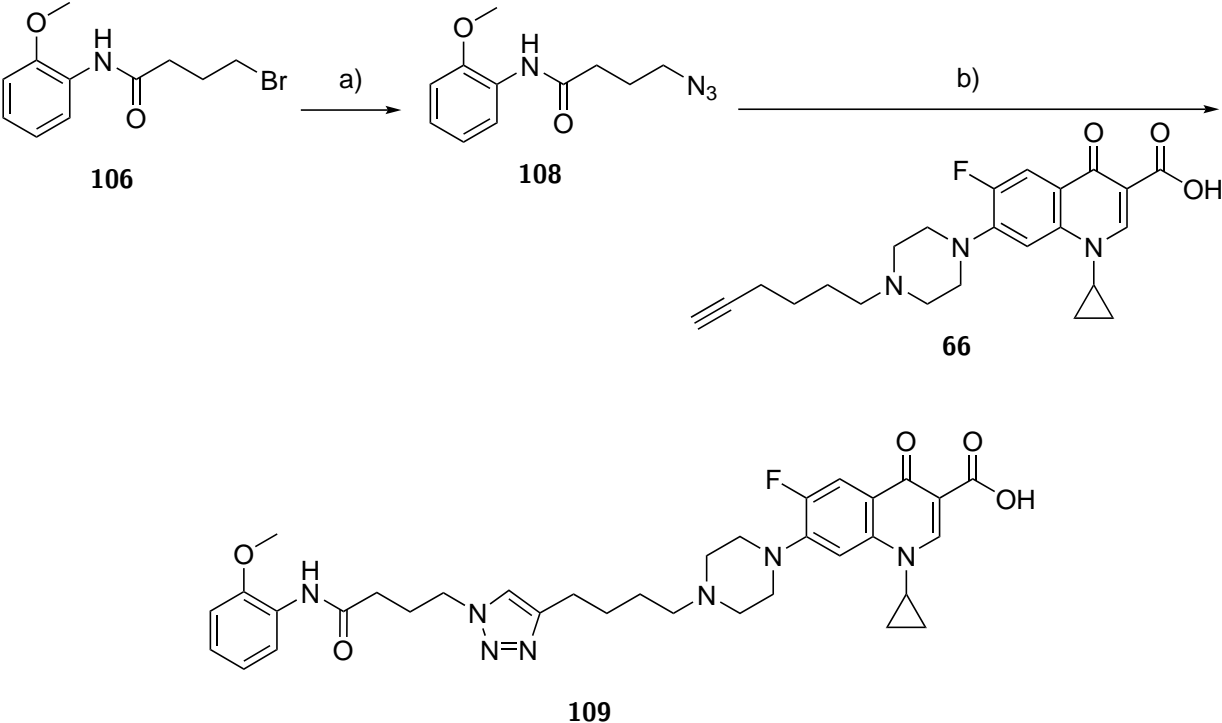
a)

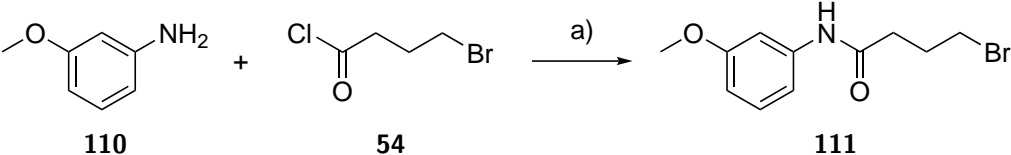


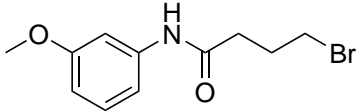
106





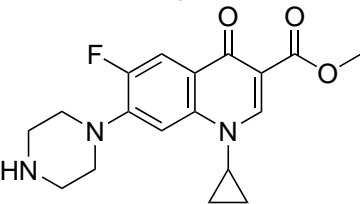




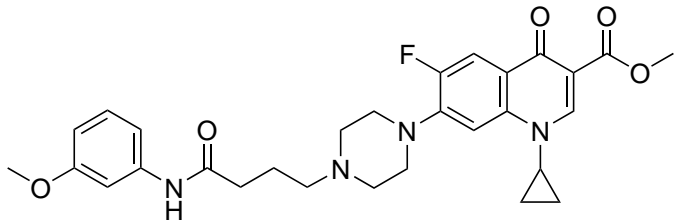
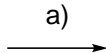


111

+

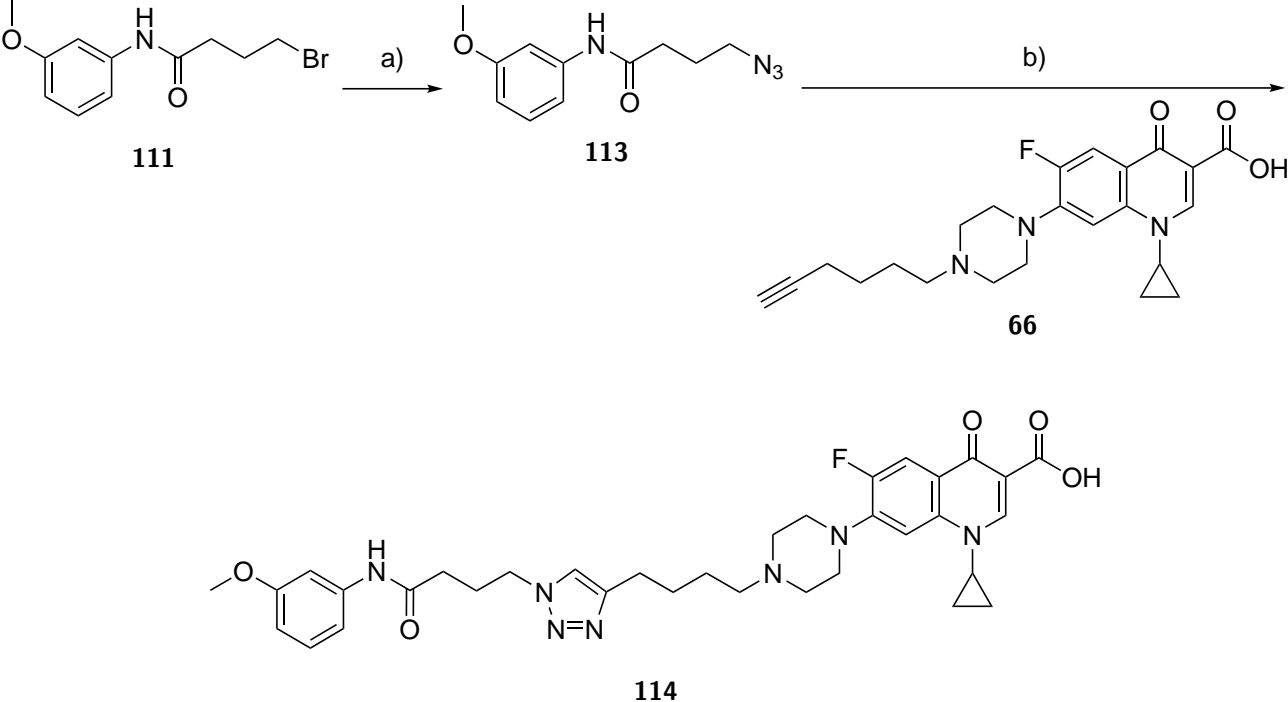


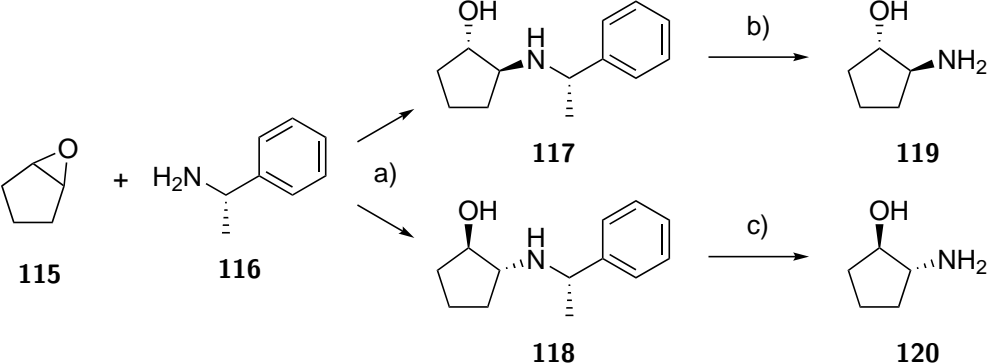
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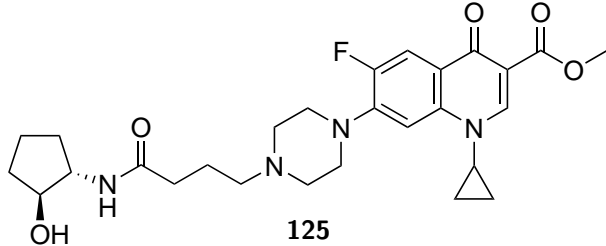


112

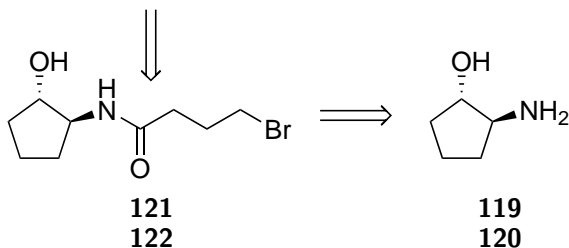






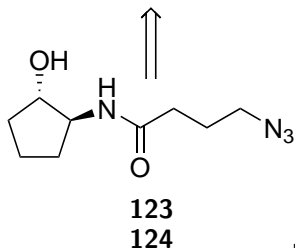


125  
126

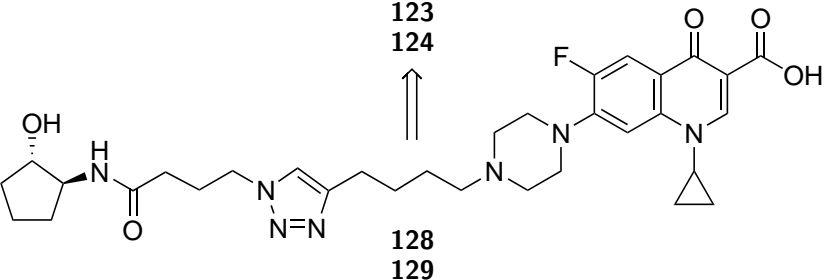


121  
122

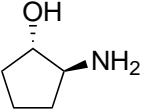
119  
120



123  
124

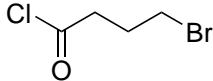


128  
129

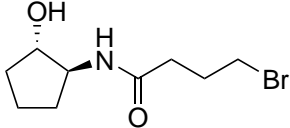
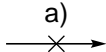


119

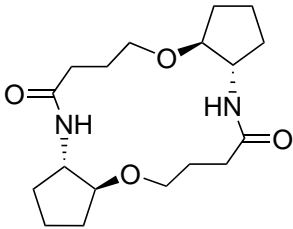
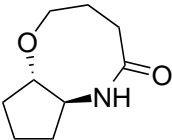
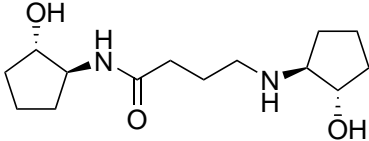
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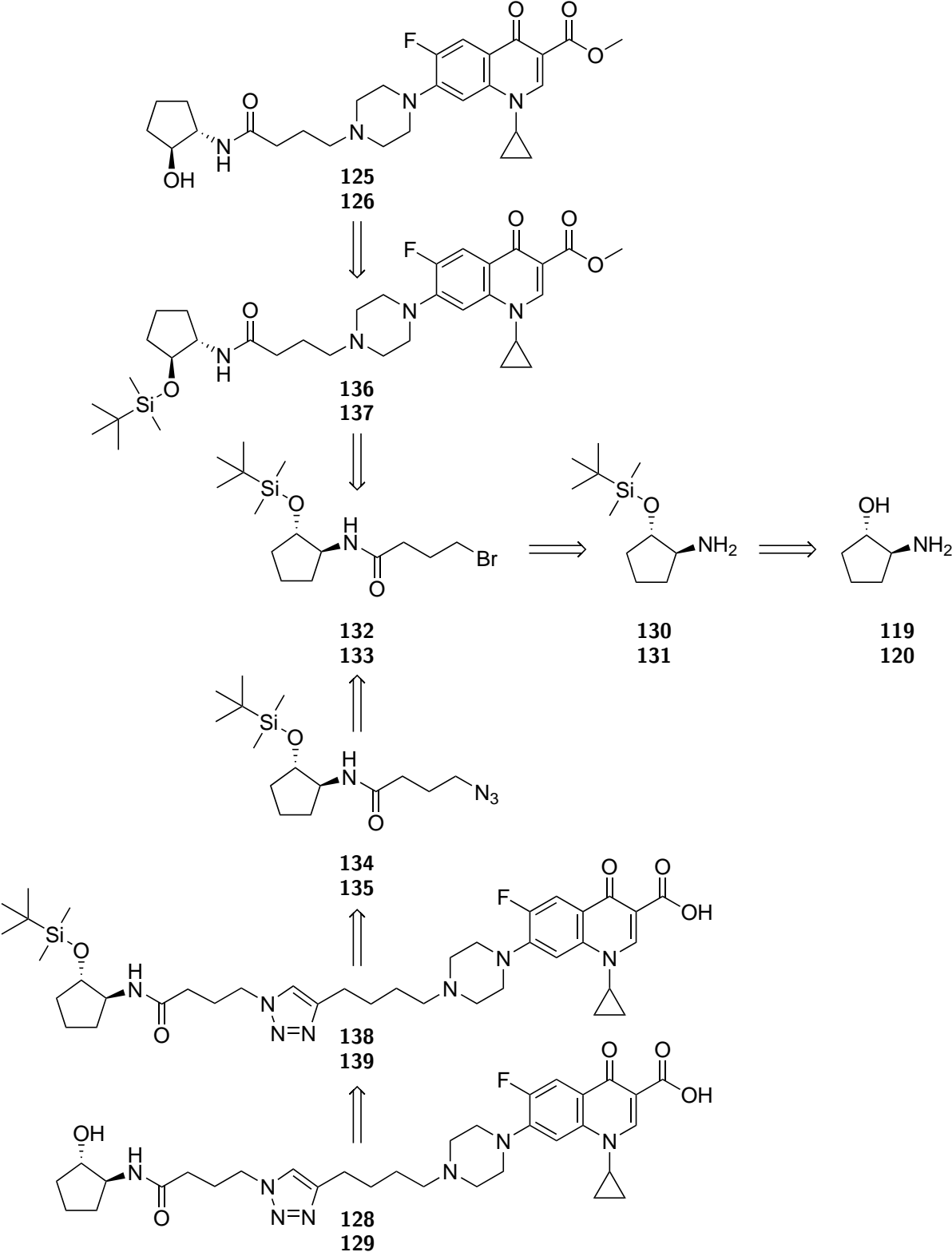


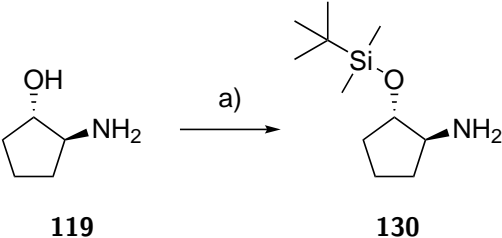
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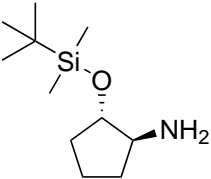


121



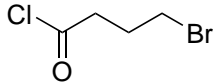




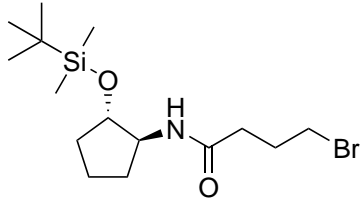
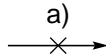


130

+

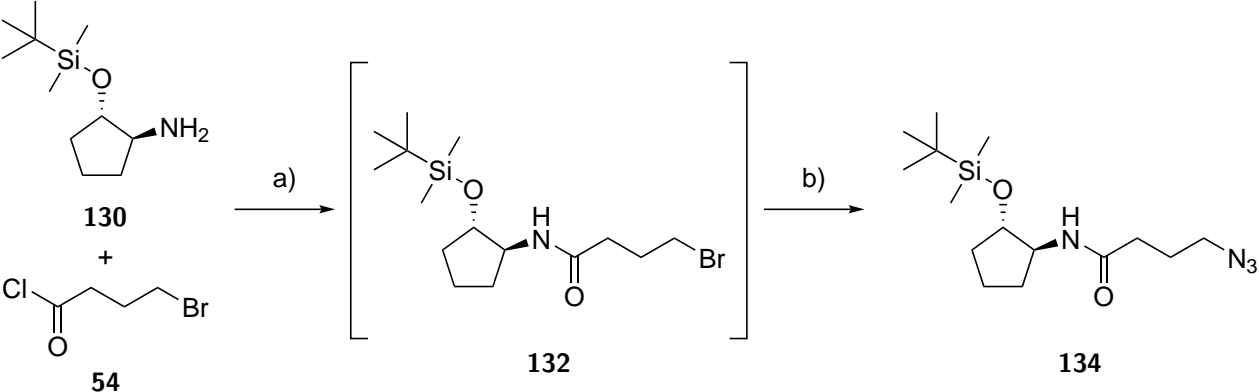


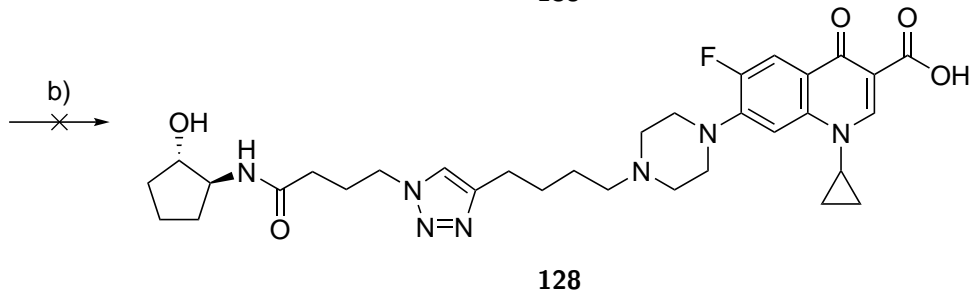
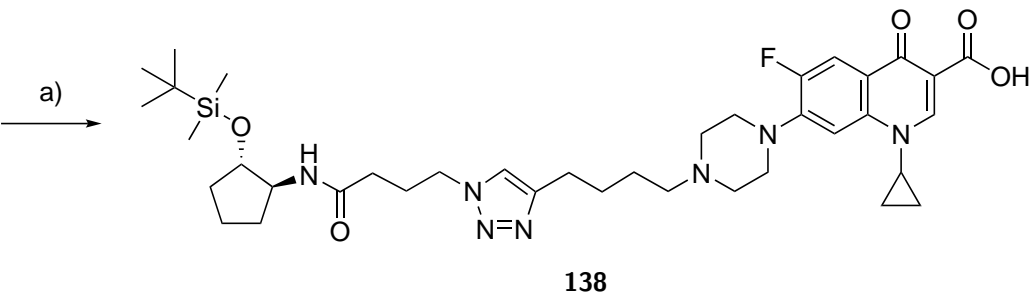
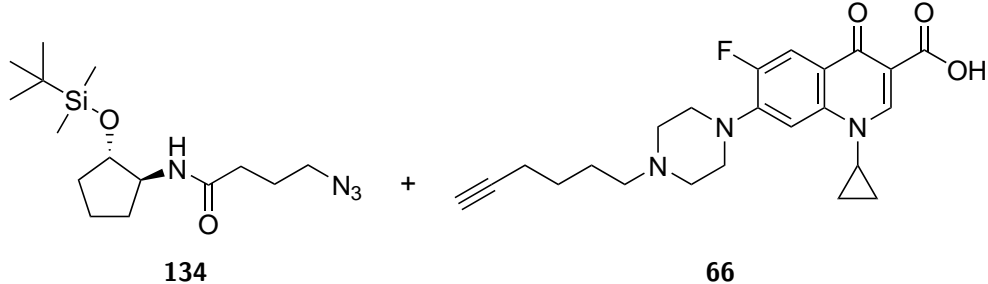
54

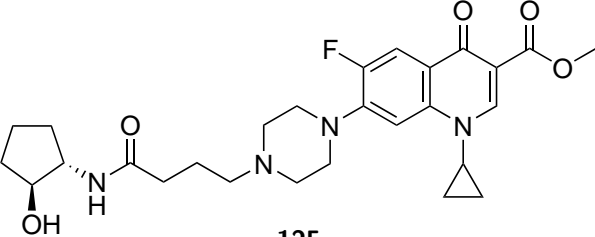


132

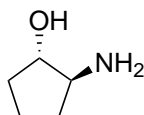






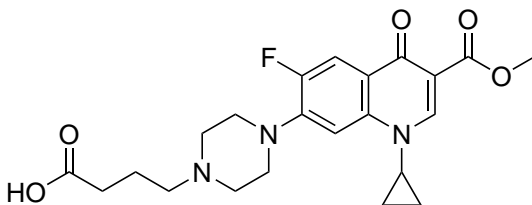


**125**  
**126**

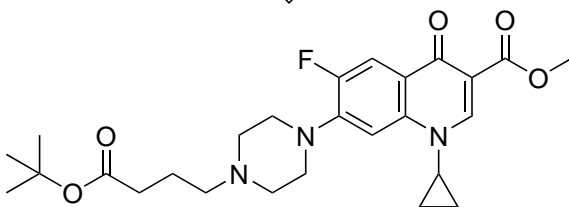


**119**  
**120**

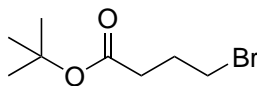
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**142**

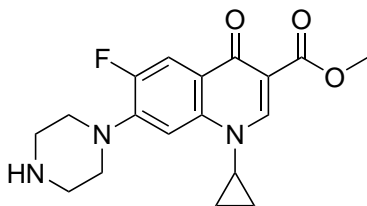


**141**

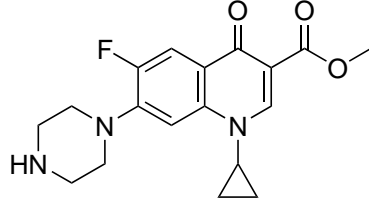


**140**

+

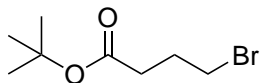


**98**



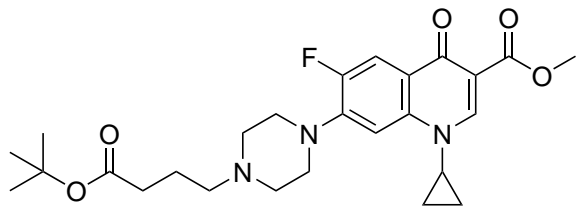
**98**

+



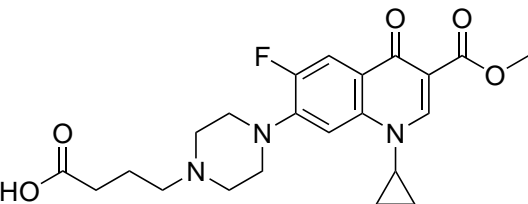
**140**

a)



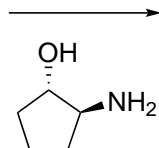
**141**

b)

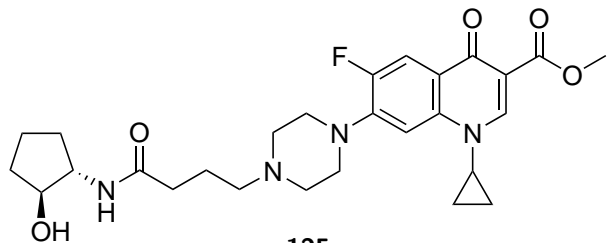


**155**

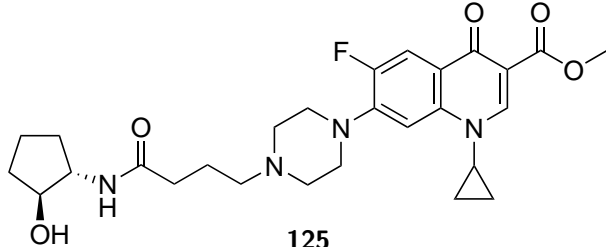
c)



**119**  
**120**

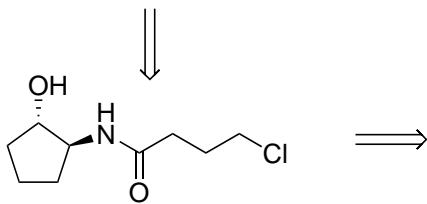


**125**  
**126**



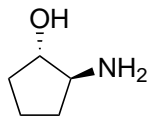
125

126



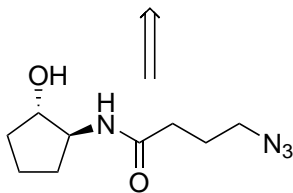
144

145



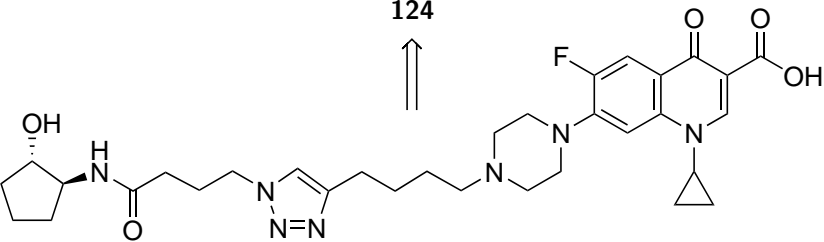
119

120



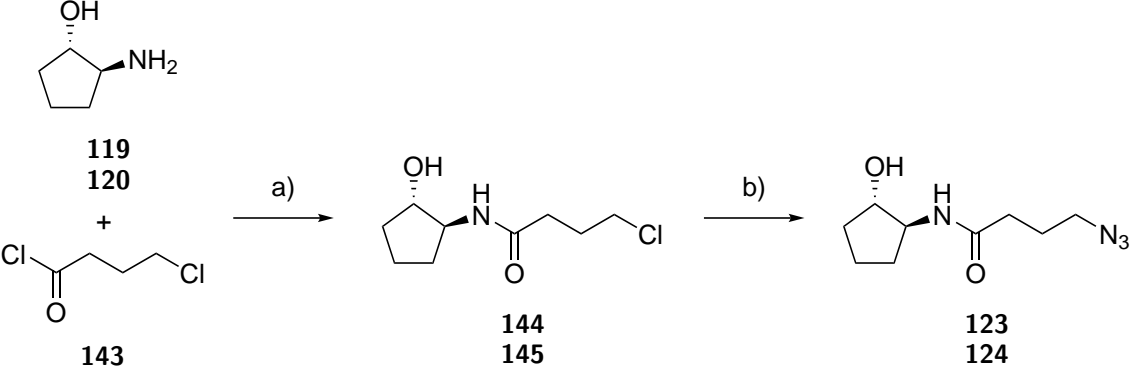
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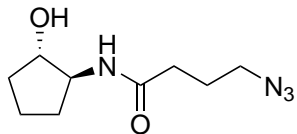
124



128

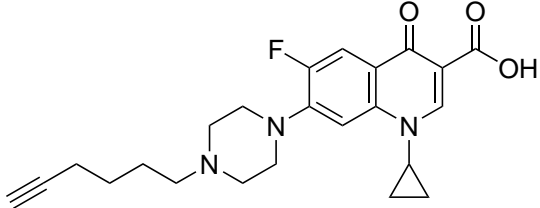
129





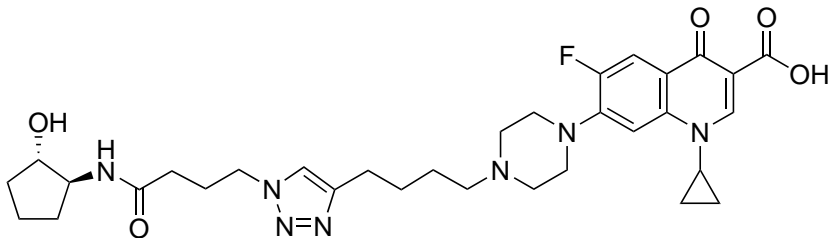
**123**  
**124**

+

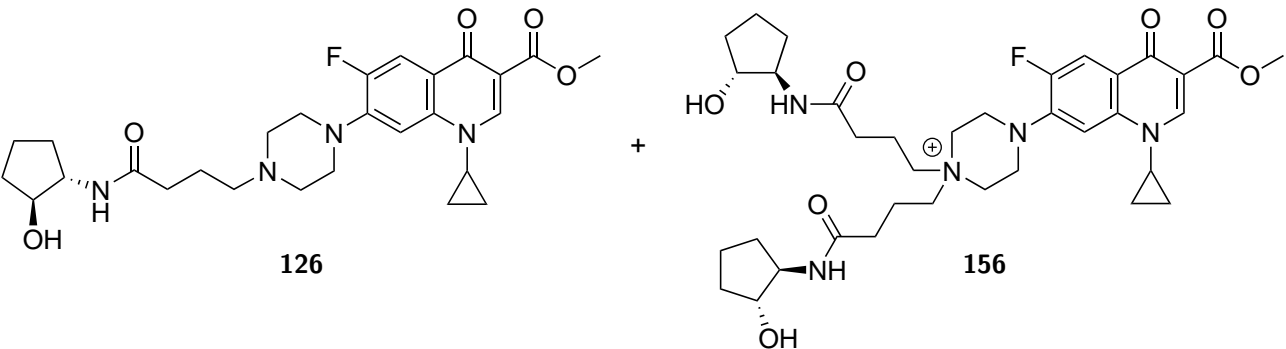
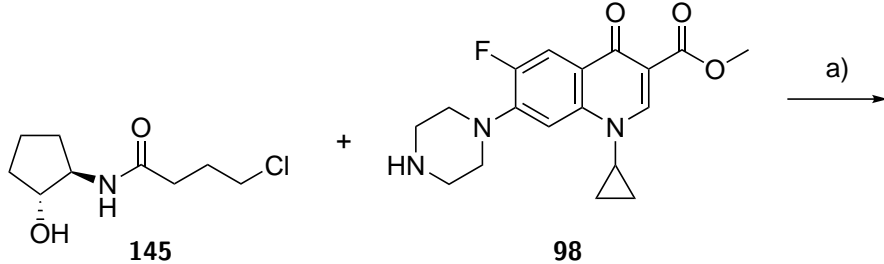


**66**

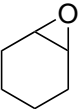
a)



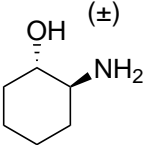
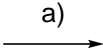
**128**  
**129**



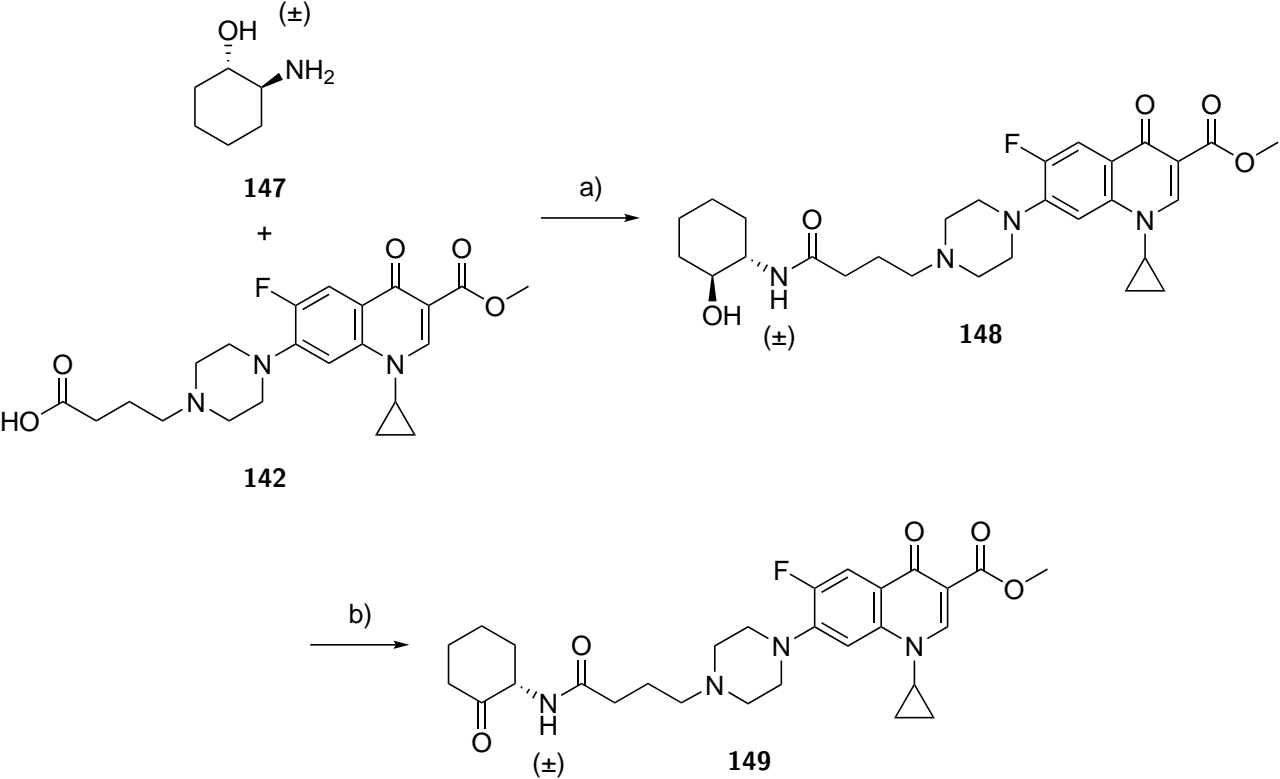


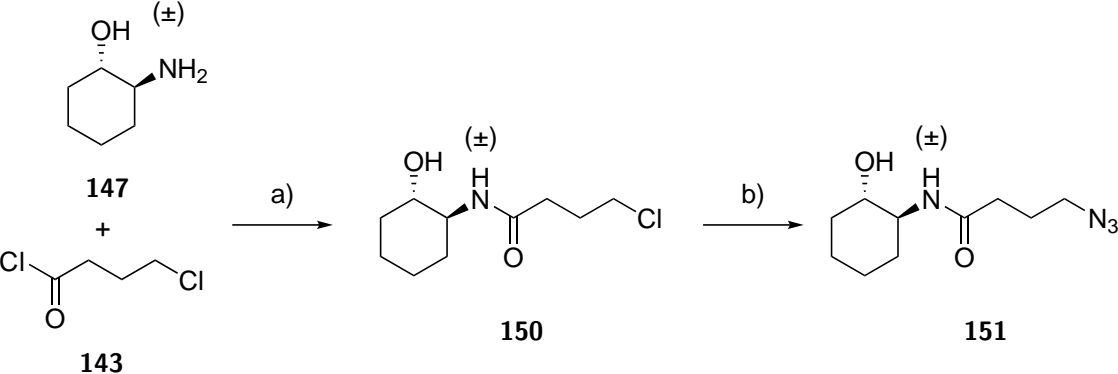


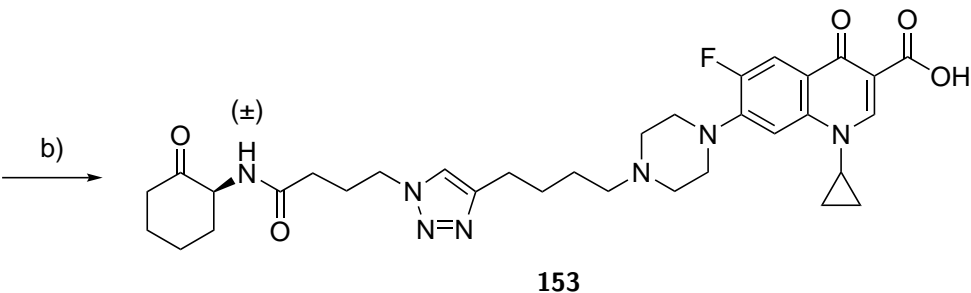
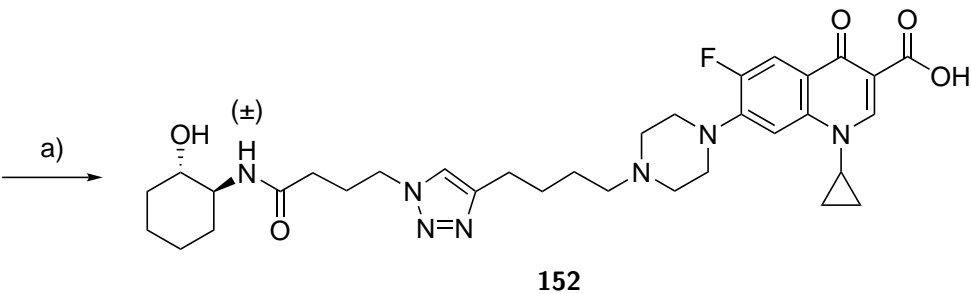
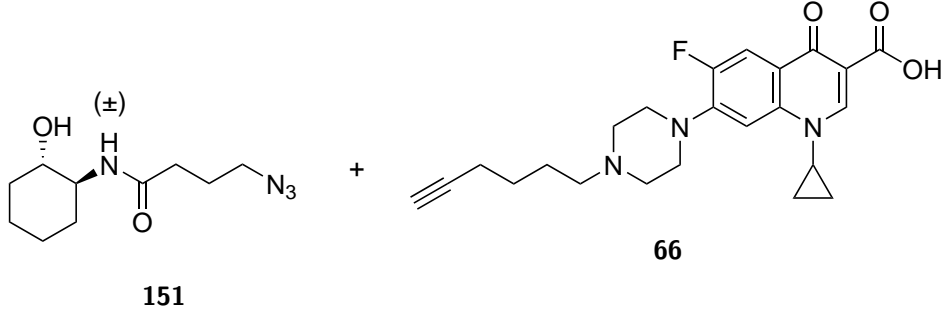
146

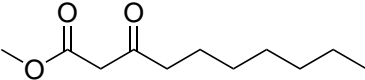


147

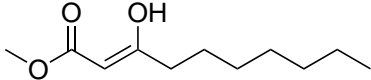




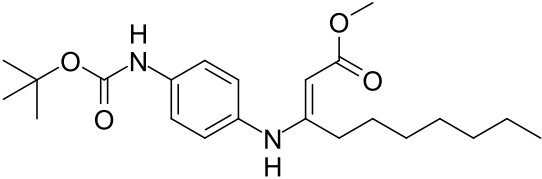


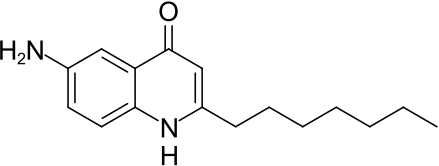


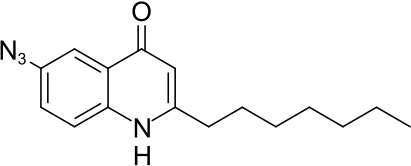
**31**  
92 %



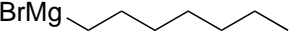
**32**  
8 %

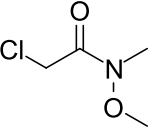


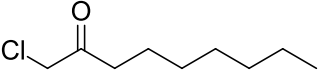


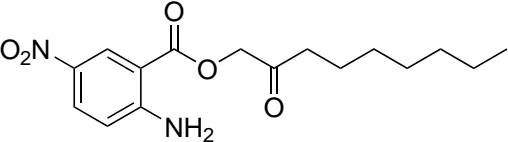


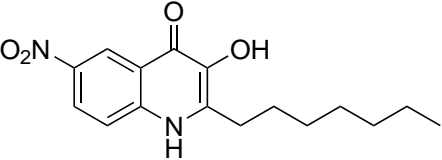


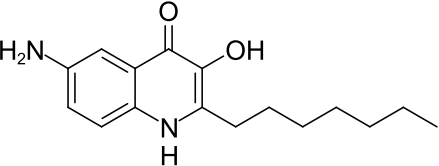


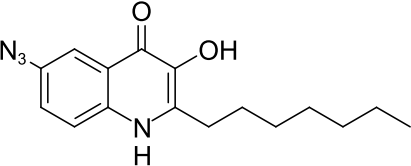


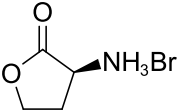




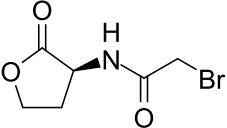


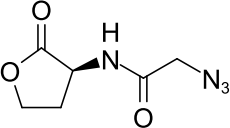


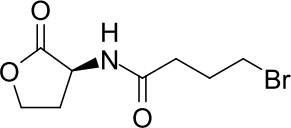


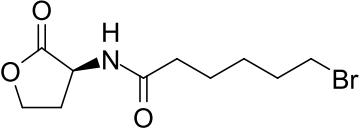


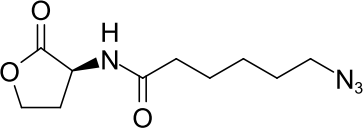


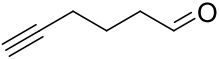


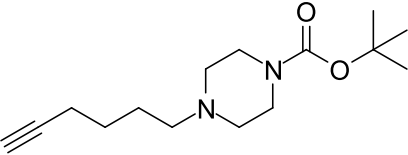


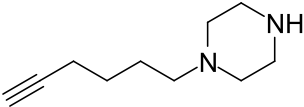




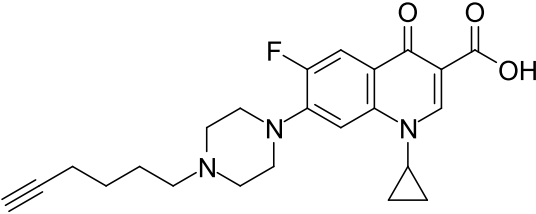


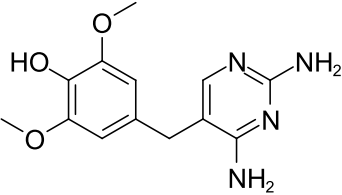


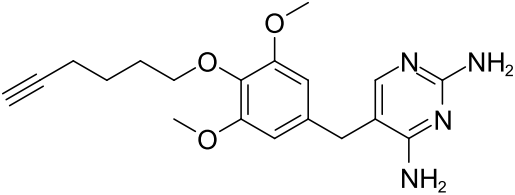


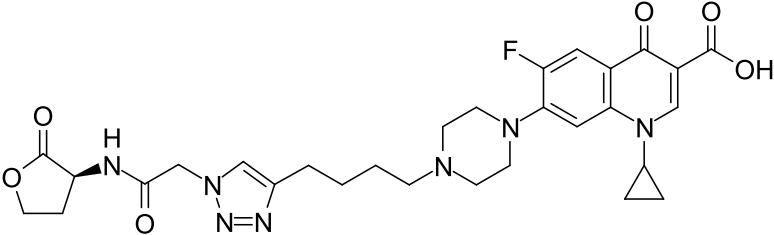


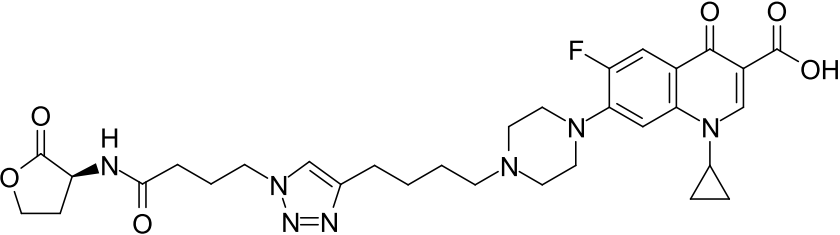


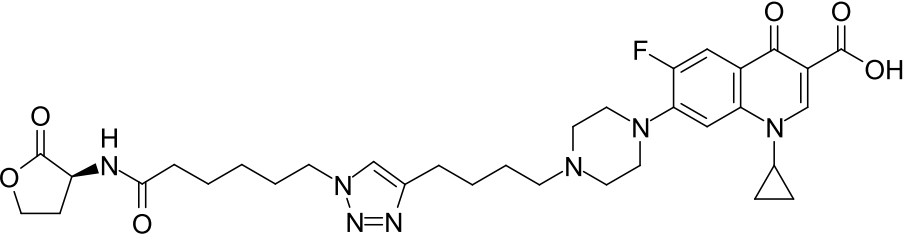


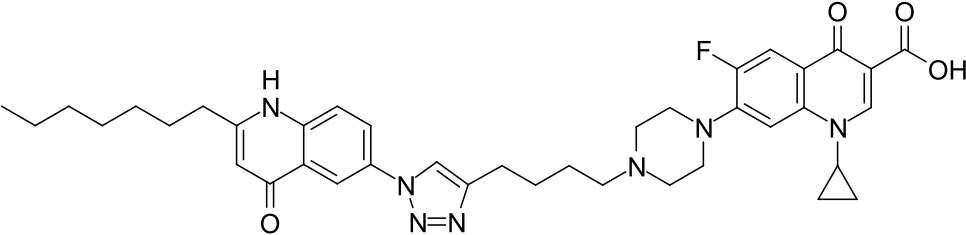


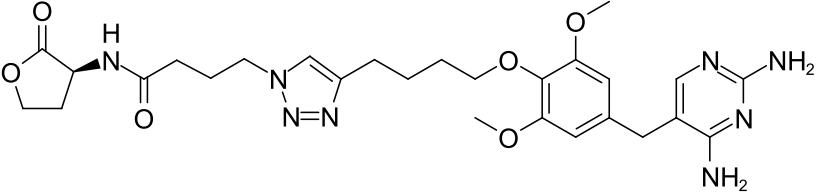




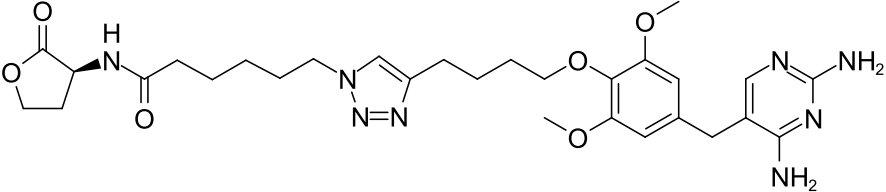


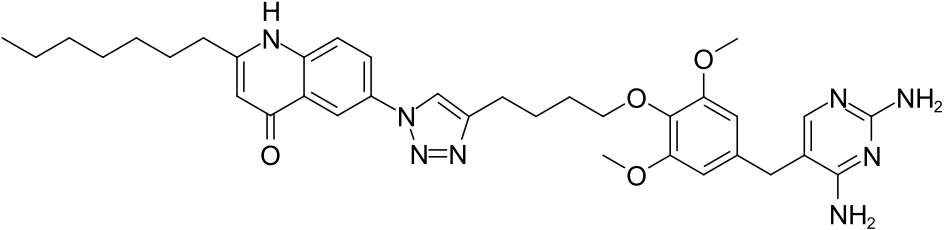


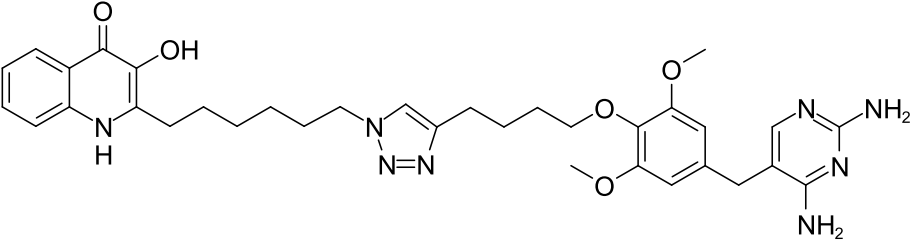


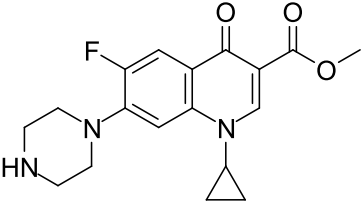


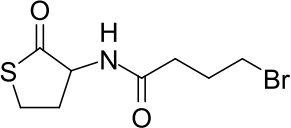


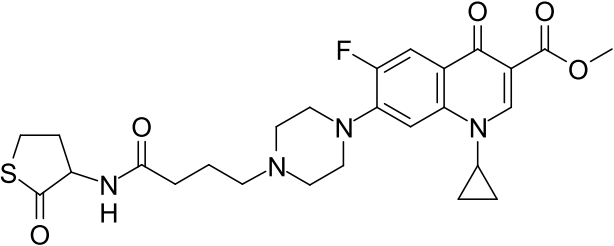


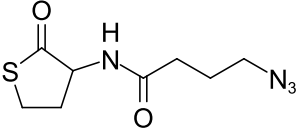


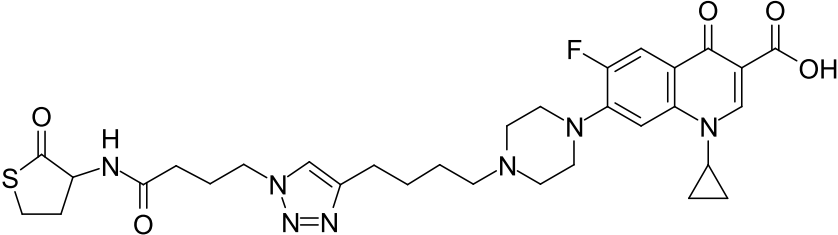




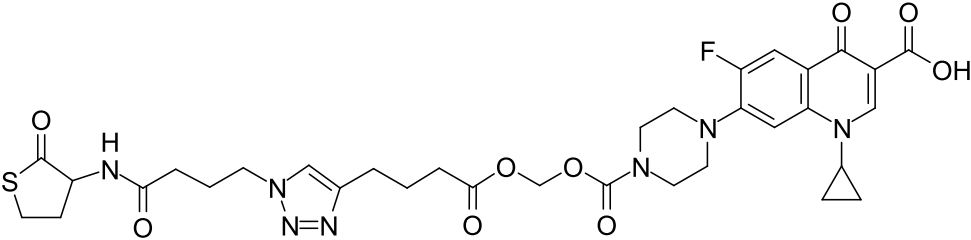


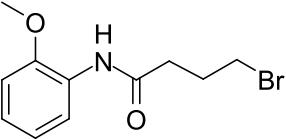


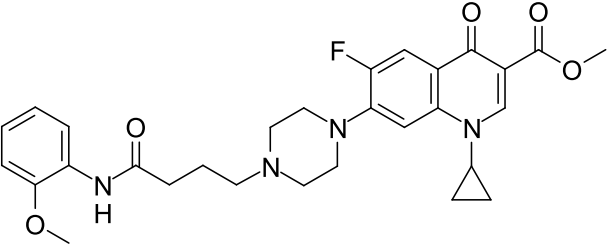


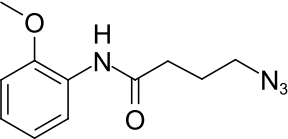


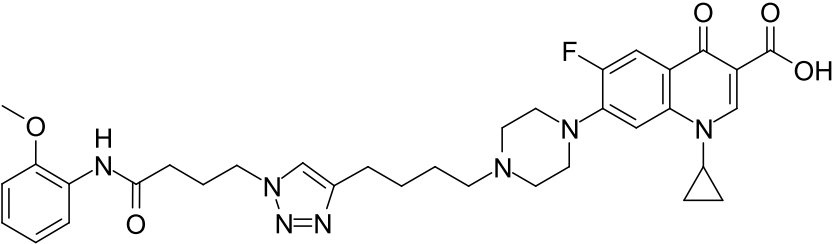


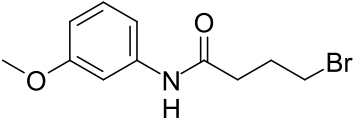


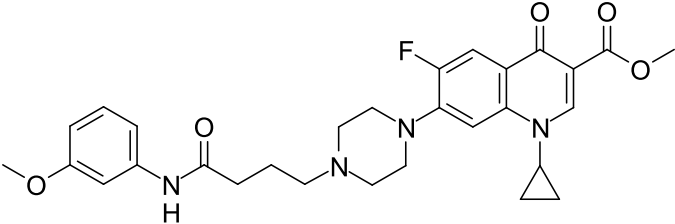


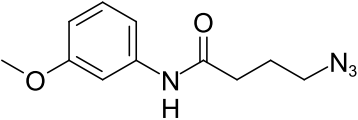




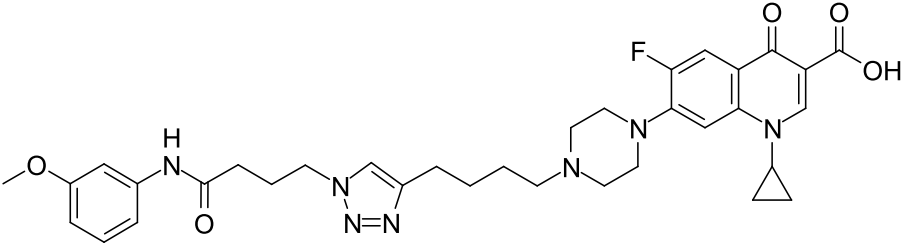


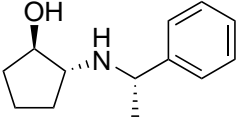




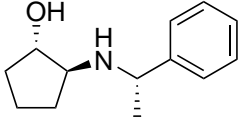








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