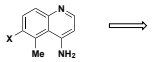
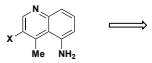
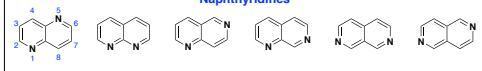
Consulting Corner:





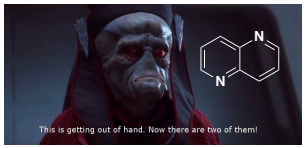
Lecture 10: Naphthyridines

Naphthyridines

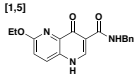


[1,5] [1,8] [1,6] [1,7] [2,7] [2,6]

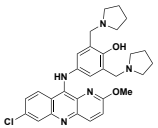
See PCC pg 752 - 768 for retrosynthesis starting points and suggestions



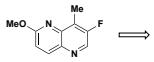
[1,5]



GABA-A inverse agonist
Pfizer, *OPRD* **2003**, *7*, 873.

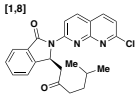


Pyronaridine (antimalarial)
OPRD **2014**, *18*, 349



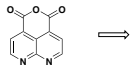
OPRD **2014**, *18*, 993

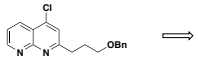
[1,8]



Pagoclone
Pfizer, *OPRD* **2003**, *7*, 851.

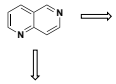
Consulting Corner:

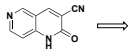




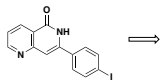
[1,6]

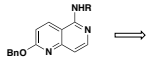
POD #1





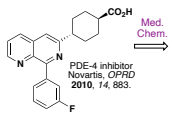
Consulting Corner





[1,7]

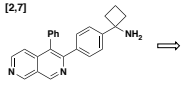
Process Chem.



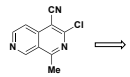
Med. Chem.

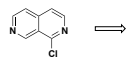
PDE-4 inhibitor
Novartis, *OPRD* **2010**, *14*, 883.

[2,7]

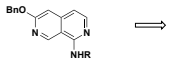


AKT inhibitor
AstraZeneca, *J. Med. Chem.* **2012**, *55*, 1261.

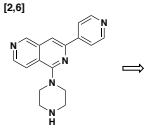




Consulting Corner

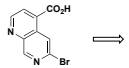


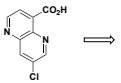
[2,6]

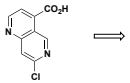


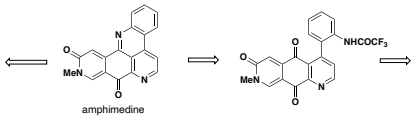
PKD inhibitor
Novartis, *J. Med. Chem.* **2010**, *53*, 5400.

Consulting Corner POD #2



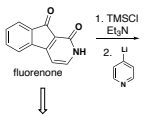






amphimedine
Stille, *JACS* **1988**, *110*, 4051
Nakahara, *Heterocycles* **1988**, *27*, 2095

Prager, *Heterocycles* **1989**, *29*, 847



fluorenone

POD #3



