

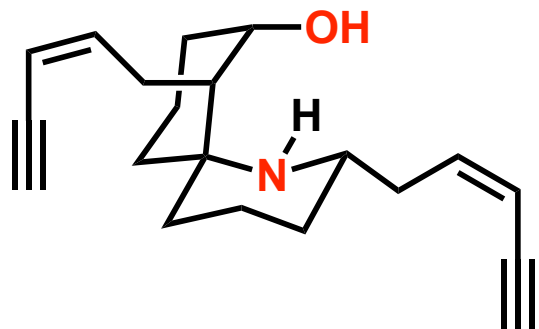


Krishna P Kaliappan
Professor of Chemistry, IIT Bombay

CH-588 Course on Organic Synthesis

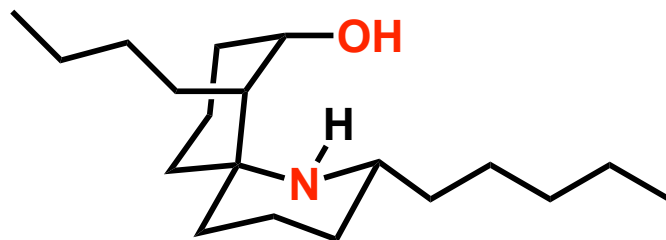
Corey's Total Synthesis of Perhydrohistrionicotoxin

Isolation



Histrionicotoxin

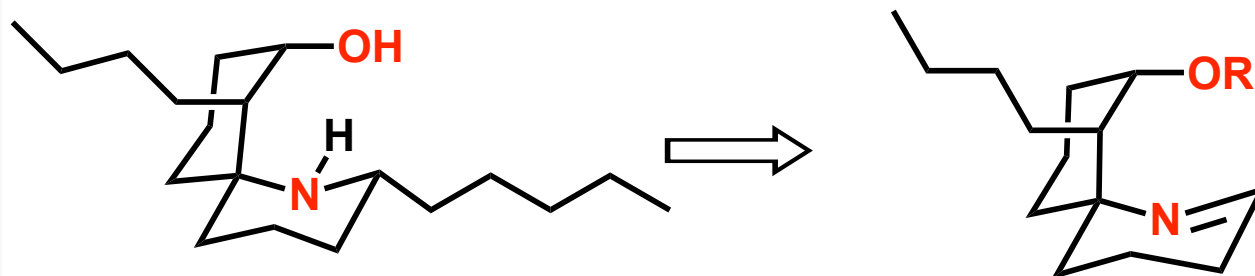
From the venom of the Colombian Frog *Dendrobates histrionicus*



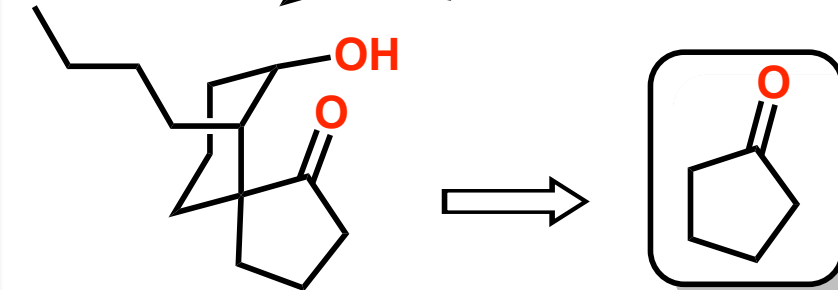
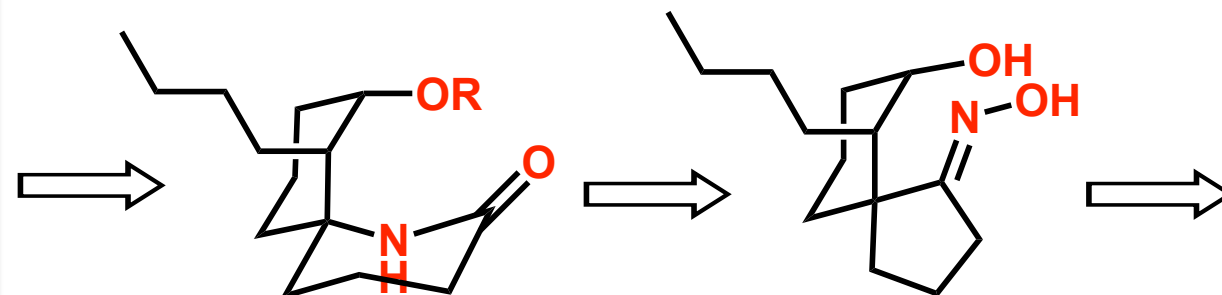
Perhydrohistrionicotoxin

Octahydrohistrionicotoxin

Retrosynthesis

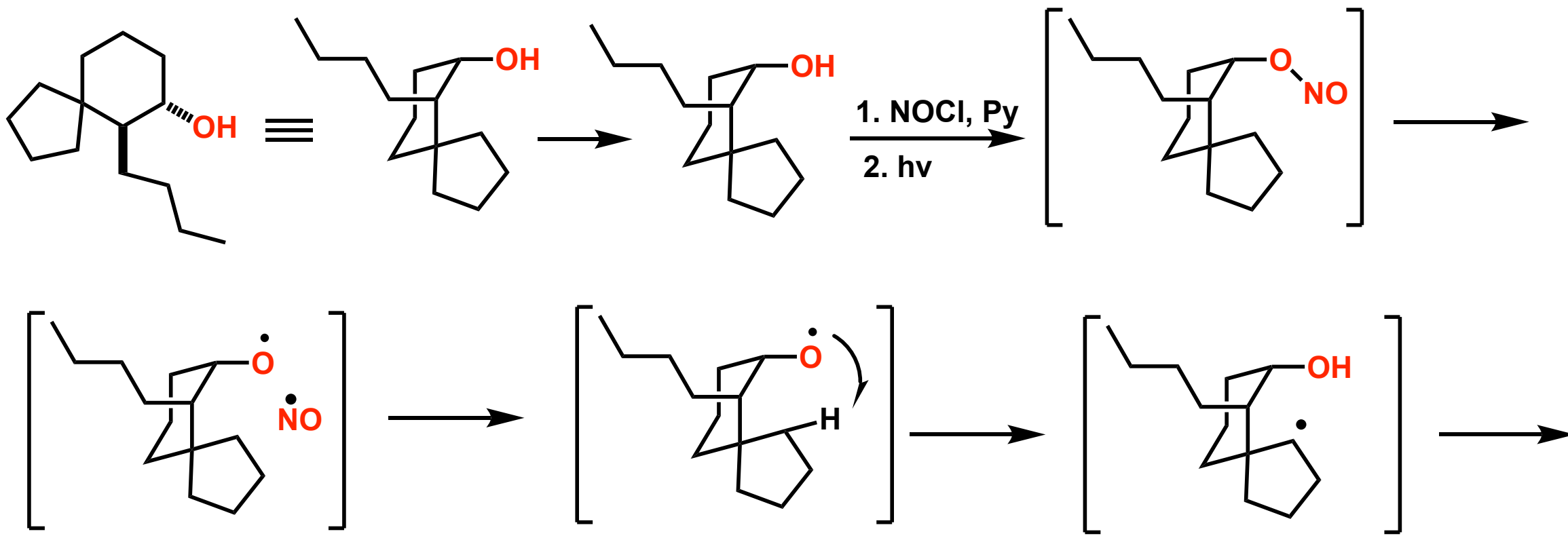
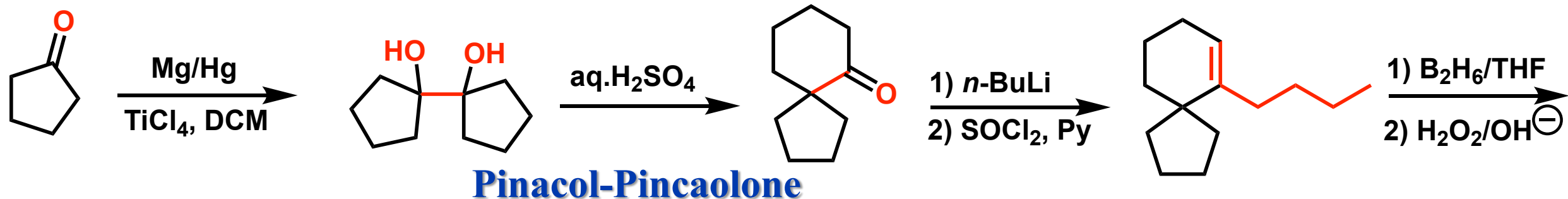


Perhydrohistrionicotoxin



1. Witcop and co-workers; *PNAS*, 1971, 68, 1870
2. Witcop and co-workers; *PNAS*, 1973, 70, 949

Corey's Total Synthesis of Perhydrohistrionicotoxin



Corey's Total Synthesis of Perhydrohistrionicotoxin

