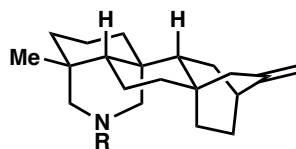
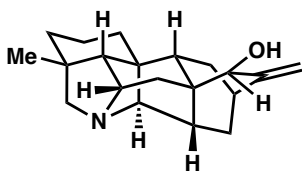


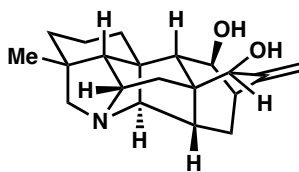
Hetisine Core



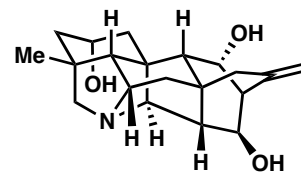
Atisane Core



Nominine



Kobusine



Hetisine

- ~100 members of the heptacyclic hetisine alkaloids
- display a wide array of biological activities
 - vasodilating
 - antiarrhythmic
 - immunomodulatory
 - analgesic
- several efforts toward model systems reported, with one racemic total synthesis reported in 2004 (Muratake and Natsume, *Angew. Chem., Int. Ed.* 2004, 43, 4646-4649)

