

Significance:

Han and coworkers reported structural reorganization of distinct classes of alkaloids to other biosynthetically related families of alkaloids via a ring-opening functionalization of tertiary amines. The strategy showed the power of conversion between natural products.

Comment:

- Ring-opening functionalization of tertiary amines as the key step to achieve conversion.
- Retro aza-Michael addition and in situ lactam formation yield lactam 6.