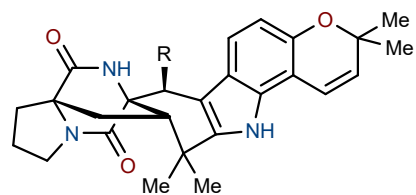
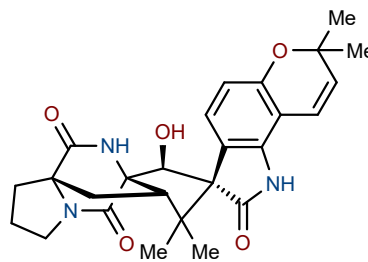


(+)-notoamide I



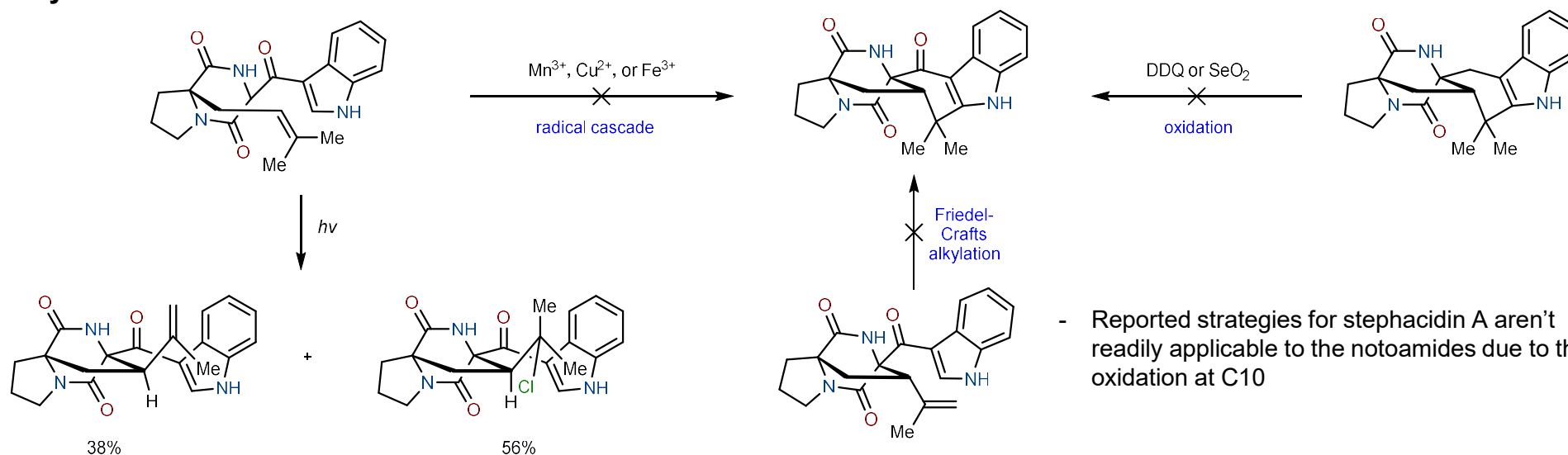
R = H = stephacidin A
 R = OH = (+)-notoamide R
 R = OMe = (+)-notoamide F



(-)-sclerotiamide

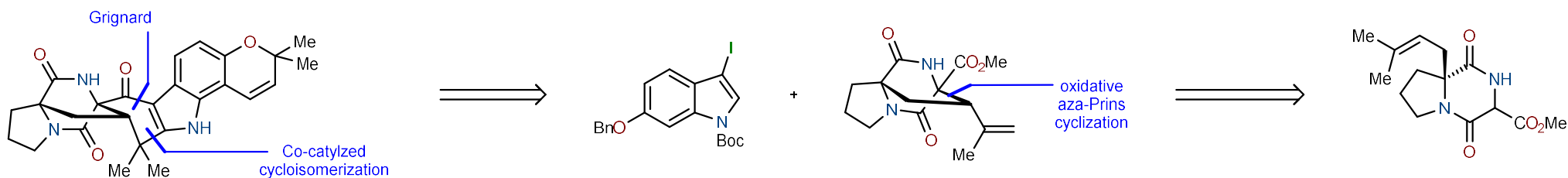
- Sclerotiamide was isolated in 1996 from *Aspergillus sclerotiorum*
- Notoamides were isolated in 2008 (F, I) and 2010 (R) from marine-derived *Aspergillus* sp.
 - Notoamide R may serve as the biosynthetic precursor to sclerotiamide
- First total synthesis of sclerotiamide, and notoamides F, I, and R

Model System Studies:



- Reported strategies for stephacidin A aren't readily applicable to the notoamides due to the oxidation at C10

Revised Retrosynthesis:



(+)-notoamide I

Sun, D.; Li, C. *ACIE* **2016**, *55*, 10435. <https://doi.org/10.1002/anie.201604754>

