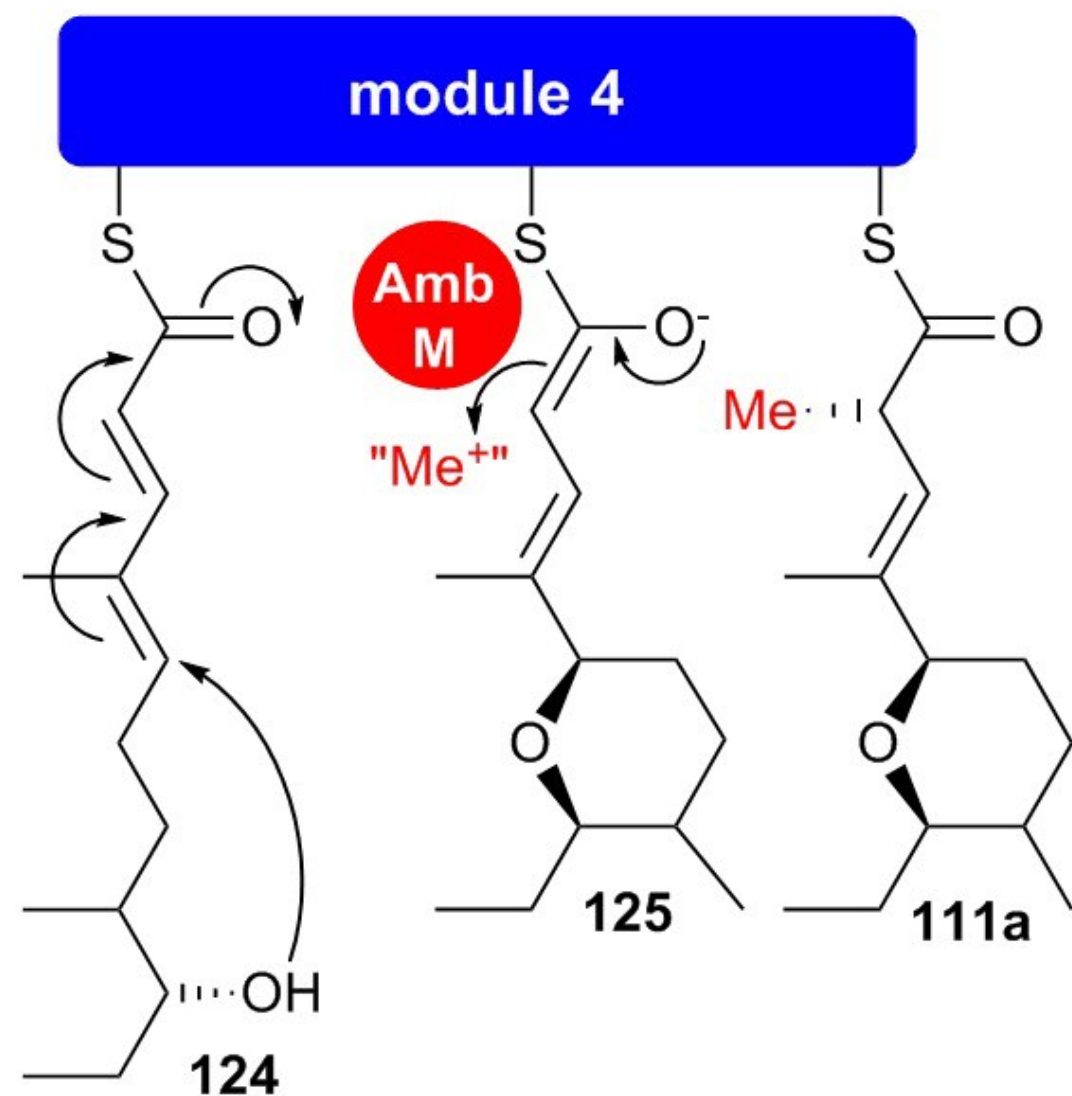
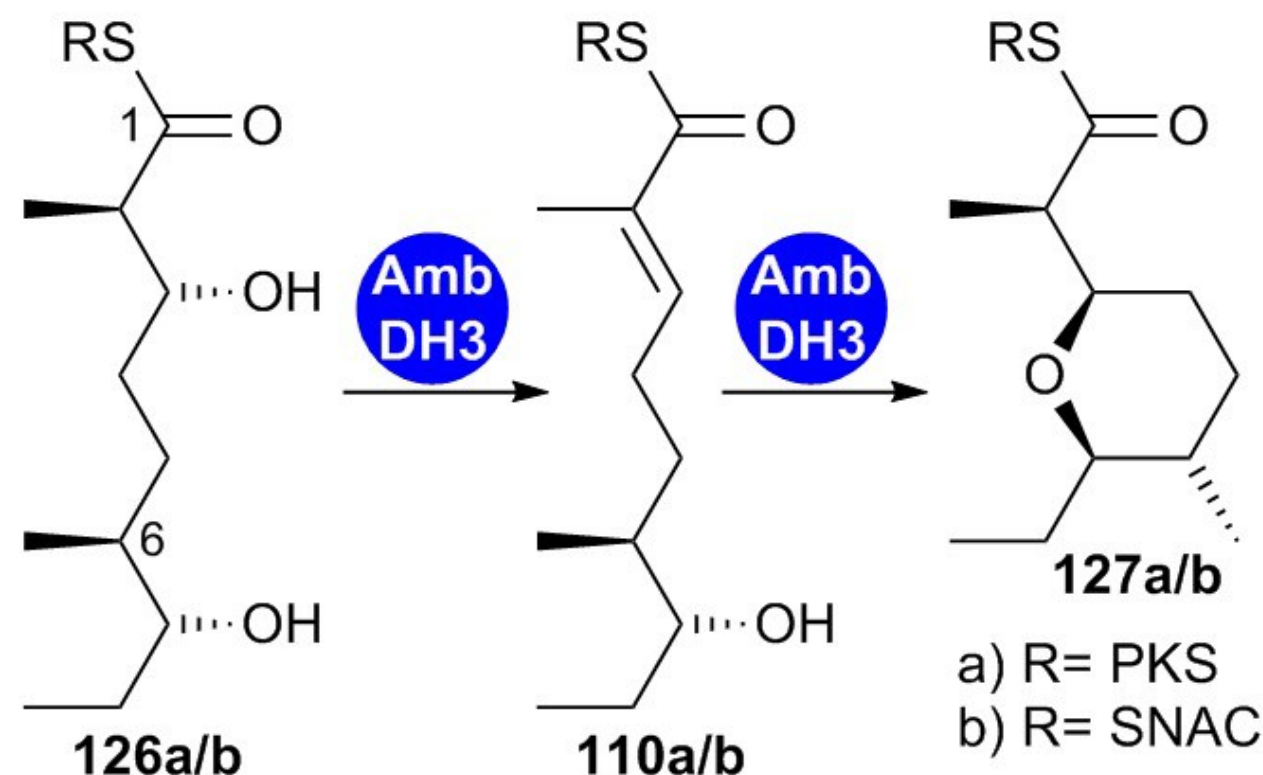


Original proposal



In vitro studies on THP formation



Relevant features of AmbDH3:

- bifunctional enzyme (DH-CYC)
- highly stereoselective
- substrate tolerant (accepts **6-*epi*-126b/110b**)
- Tyr-Val mutation is crucial for CYC activity

In vitro studies on olefin shift

