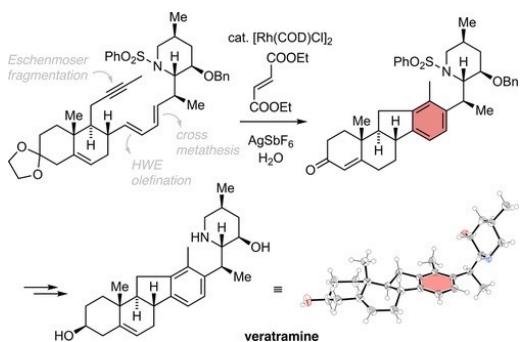


Concise Synthesis of (-)-Veratramine and (-)-20-iso-Veratramine via Aromatic Diels-Alder Reaction

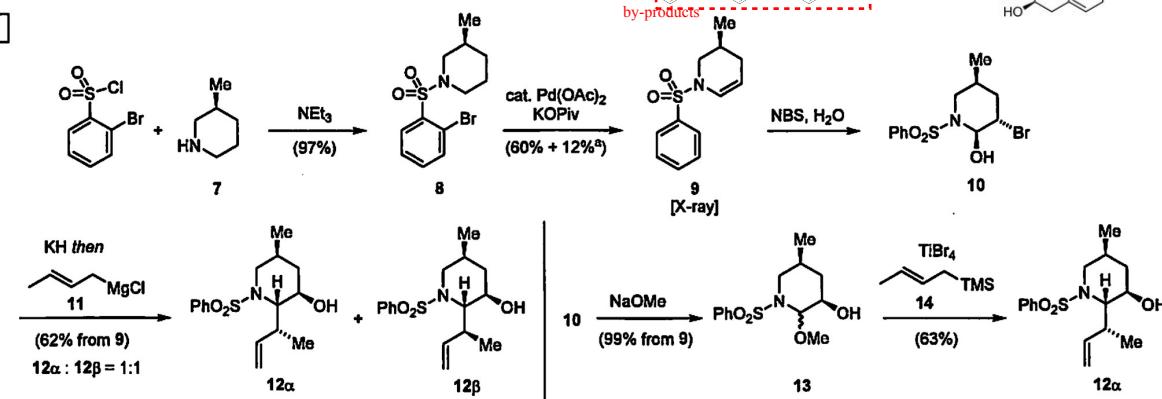
Michael D. Zott, Daniel W. Zuschlag, and Dirk H. Trauner*
Journal of the American Chemical Society 2025, 147, 4, 3010-3016

isosterooidal alkaloids
transition-metal catalyzed intramolecular Diels-Alder cycloaddition-aromatization cascade

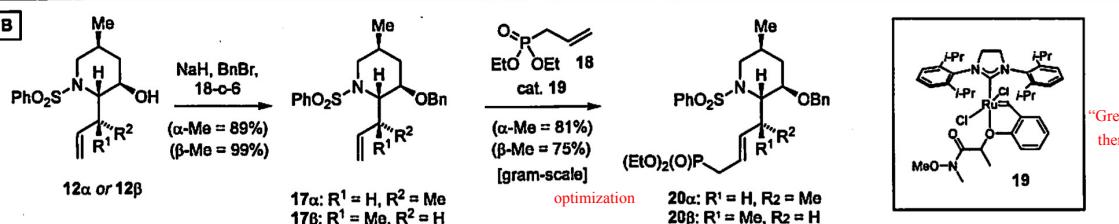


Scheme 3. Assembly and Linkage of the Key Building Blocks^a

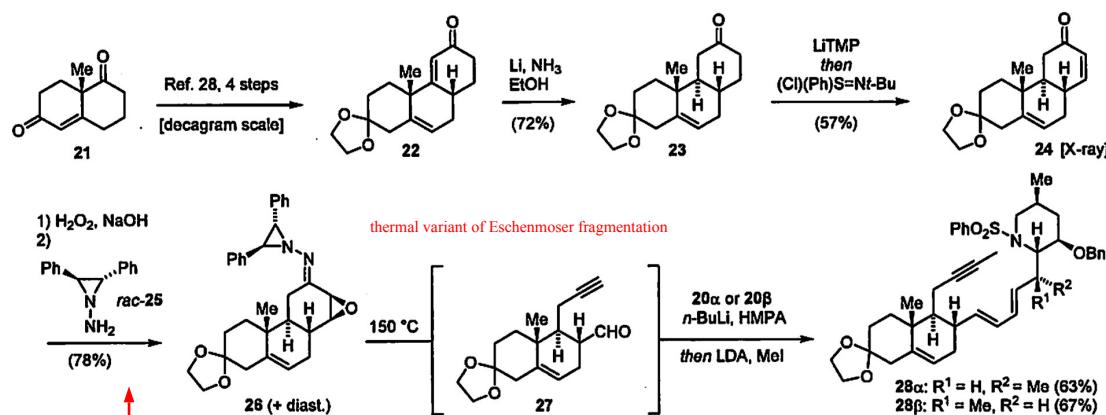
A



B

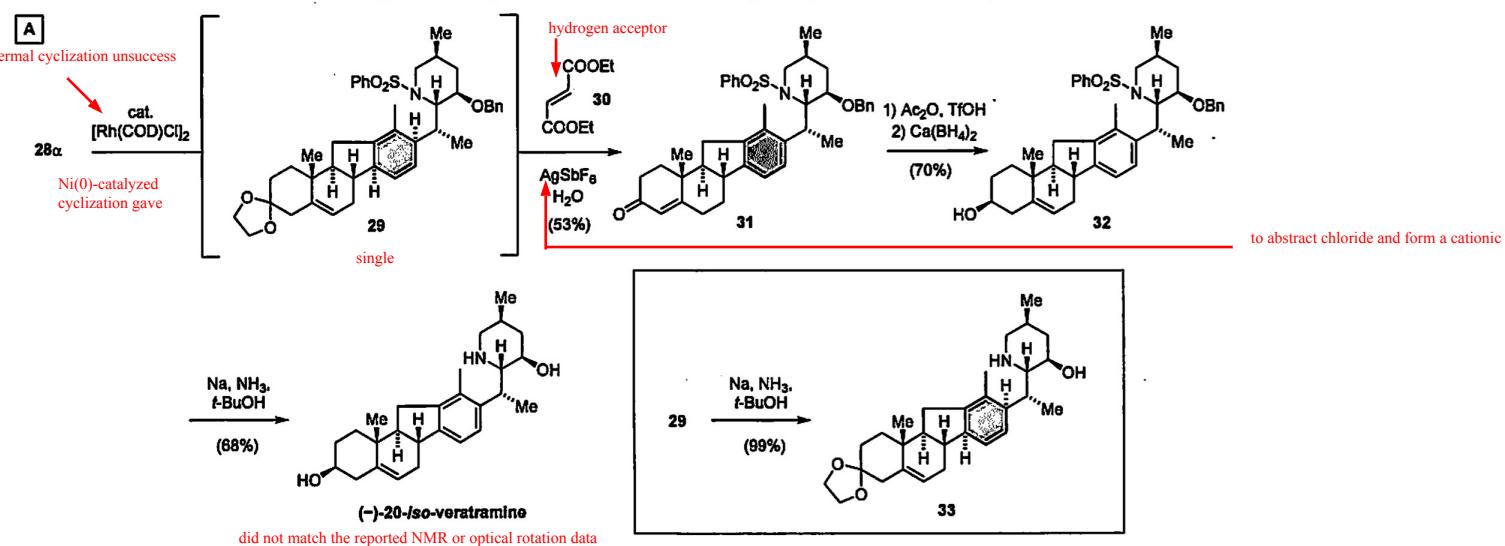


C

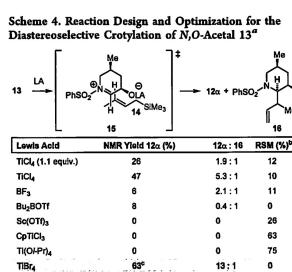
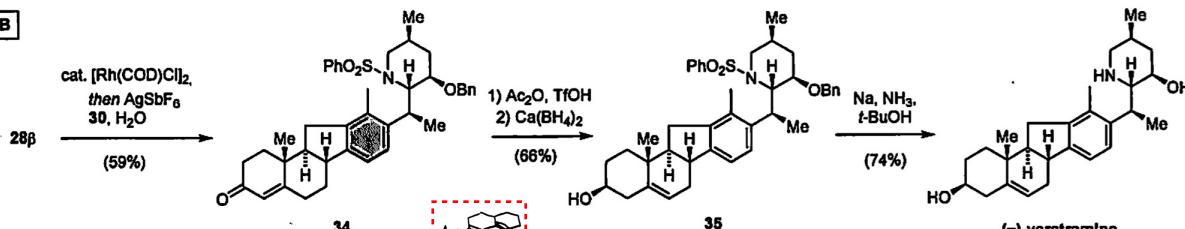


Scheme 5. Construction of the D Ring and Completion and Corroborating X-ray Diffraction Analysis^a

A



B



^a Isolated yield.

^b Isolated yield.