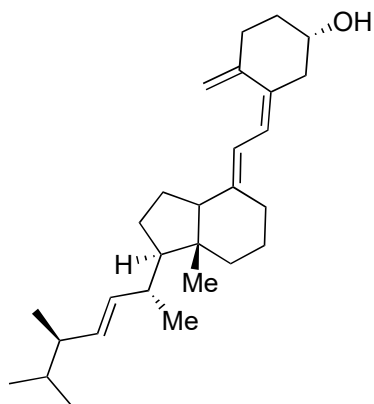
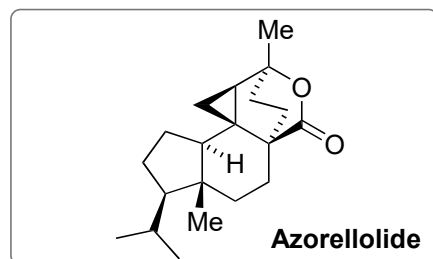


Biomimetic Synthesis of Azorellolide via Cyclopropylcarbinyll Cation Chemistry

J. Y. Artzy, D. J. Tantillo, D. H. Trauner *J. Am. Chem. Soc.* **2025**, *147*, 78-83.



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- 1) O₃, pyridine, *then* NaBH₄
- 2) NEt₃, DMAP, TsCl
- 3) LiAlH₄
- 4) Bobbitt's salt, 1:1 w/w SiO₂
- 5) LDA, Mander's reagent
- 6) methylvinylketone, Cs₂CO₃
- 7) CH₂(ZnBr)₂, Ti(OiPr)₂Cl₂, cat. PbCl₂
- 8) allylbromide, Zn, cat. TMSCl
- 9) Grubbs II
- 10) LiCl, DMF
- 11) BSCl, pyridine
- 12) Ts₂O, trifluoroethanol

1) Name of the starting material:

4) Structure of Bobbitt's salt:

5) Structure of Mander's reagent:

7) Name of the reagent CH₂(ZnBr)₂ in THF:

9) Structure of Grubbs II:

