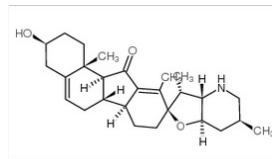


Product Name : Jervine
Synonyms : 11-Ketocyclopamine
Cat No. : M17515
CAS Number : 469-59-0
Molecular Formula : C₂₇H₃₉NO₃
Formula Weight : 425.61
Chemical Name : —



Description : The biological activity of Jervine is mediated via its interaction with the 7 passes transmembrane protein Smoothed. Jervine binds with and inhibits smoothed, which is an integral part of the Hedgehog signaling pathways. With smoothed inhibited, the GLI1 transcription cannot be activated and Hedgehog target genes cannot be transcribed.

Pathway : Others

Target : Other Targets

Receptor : Hedgehog; Smoothed

Solubility : DMSO : 1 mg/mL 2.35 mM;

SMILES : O=C1C2=C(C)[C@]3(CC[C@H]2[C@@H]2CC=C4C[C@H](CC[C@]4(C)[C@@H]12)O)[C@@H]1C[C@@H](CN[C@H]1[C@H]3C)C

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Chen JK, et al. Genes Dev. 2002 Nov 1; 16(21): 2743–2748.