

Jervine

Catalog No: tcsc3004



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

469-59-0

Formula:

$C_{27}H_{39}NO_3$

Pathway:

Stem Cell/Wnt;Stem Cell/Wnt

Target:

Hedgehog;Smo

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

11-Ketocyclopamine

Observed Molecular Weight:

425.6

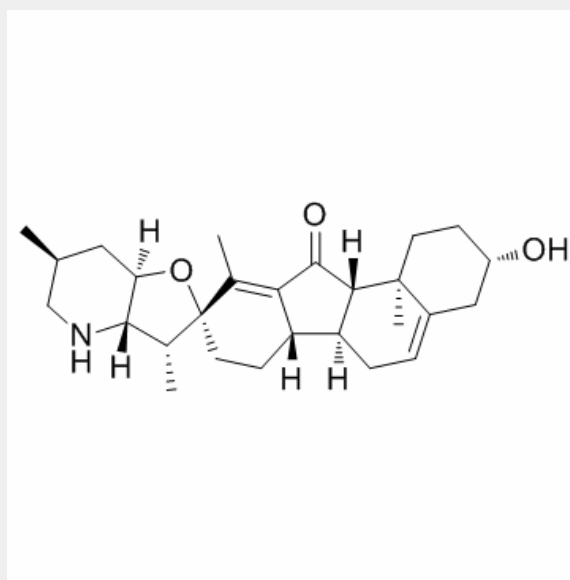
Product Description

Jervine(11-Ketocyclopamine) is a naturally occurring steroidal alkaloid that causes cyclopia by blocking sonic hedgehog(Shh) signaling; Jervine is an inhibitor of Smo.

IC50 value:

Target: sonic hedgehog

is derived from the Veratrum plant species. It is a close structural analog of cyclopamine which specifically inhibits the hedgehog (Hh) pathway by interaction with the hedgehog signaling protein Smo. Jervine can be used to induce abnormal morphogenesis in a number of experimental models. Jervine is an inhibitor of Smo.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!