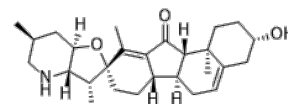


Product Name : Jervine
Cat. No. : PC-26424
CAS No. : 469-59-0
Molecular Formula : C₂₇H₃₉NO₃
Molecular Weight : 425.61
Target : Smoothened (Smo)
Solubility : 10 mM in DMSO



Biological Activity

Jervine is a steroid alkaloid Smoothened receptor (Smo) antagonist, inhibits Hh signaling pathway with IC₅₀ of 500-700 nM, also is a dual-targeting kinase inhibitor of AURKB and CDK1.

References

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Sulaimani MN, et al. Front Pharmacol. 2025 Nov 21;16:1662556.
Williams JA, et al. Proc Natl Acad Sci U S A. 2003 Apr 15;100(8):4616-21.
Cooper M K, et al. Science. 1998;280:1603-1607.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com