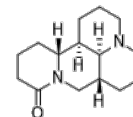


Product Name : Sophoridine
Cat. No. : PC-27840
CAS No. : 6882-68-4
Molecular Formula : C₁₅H₂₄N₂O
Molecular Weight : 248.37
Target : Pim
Solubility : 10 mM in DMSO



Biological Activity

Sophoridine is a quinolizidine alkaloid isolated from Leguminous plant *Sophora flavescens* with anticancer efficacy, inhibits HHV-6 replication, inhibits proliferation and migration by targeting PIM1 in breast cancer, inhibits the phosphorylation of ASK1 and activated JNK/p38 MAPK signaling pathway by downregulating PIM1 expression.

References

- Qavi HB, et al. *Phytother Res.* 2002 Mar;16(2):154-6.
Dai L, et al. *ChemMedChem.* 2024 Jan 15;19(2):e202300467.
Chen L, et al. *Pharm Biol.* 2025 Dec;63(1):503-523.

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

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