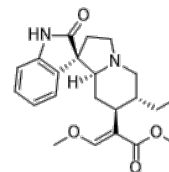


Product Name : Rhynchophylline
Cat. No. : PC-24360
CAS No. : 76-66-4
Molecular Formula : C₂₂H₂₈N₂O₄
Molecular Weight : 384.48
Target : Sirtuin
Solubility : 10 mM in DMSO



Biological Activity

Rhynchophylline is an alkaloid compound isolated from *Uncaria rhynchophyllum* and EphA4 inhibitor, also is a selective Sirtuin 3 (SIRT3) agonist, prevents mitochondrial dysfunction by regulating the SIRT3/SOD2 pathway.

References

- Lin L, et al. Br J Pharmacol. 2025 Mar 31. doi: 10.1111/bph.70032.
Fu AK, et al. Proc Natl Acad Sci U S A. 2014 Jul 8;111(27):9959-64.

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

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