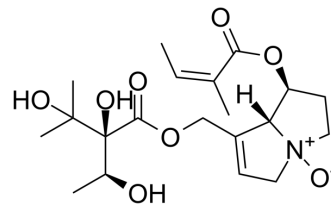


Heliosupine N-oxide

Cat. No.:	HY-131574
CAS No.:	31701-88-9
Molecular Formula:	C ₂₀ H ₃₁ NO ₈
Molecular Weight:	413.46
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Heliosupine N-oxide, Heliosupin metabolite, inhibits muscarinic acetylcholine receptor (mAChR) with the IC₅₀ of 350 μM. Heliosupine N-oxide is a pyrrolizidine alkaloid (PA)^[1].

REFERENCES

[1]. T. Schmeller, et al. Allelochemical Activities of Pyrrolizidine Alkaloids: Interactions with Neuroreceptors and Acetylcholine Related Enzymes. *Journal of Chemical Ecology* volume 23, pages399–416 (1997).

Caution: Product has not been fully validated for medical applications. For research use only.

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