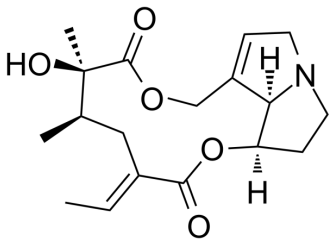
(-)-Integerrimine

Cat. No.:	HY-122772
CAS No.:	480-79-5
Molecular Formula:	$C_{18}H_{25}NO_5$
Molecular Weight:	335.39
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(-)-Integerrimine, a pyrrolizidine alkaloid, has antiulcerogenic activity. (-)-Integerrimine is also a mutagenic and weakly clastogenic agent in Drosophila[1][2].
In Vitro	(-)-Integerrimine (0.00625-0.05 mM) also must have mutagenic activity in somatic cells of Drosophila. (-)-Integerrimine in general requires cytochrome P450-dependent metabolic activation to exhibit genotoxic activity[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. V R Campesato, et al. Recombinagenic activity of integerrimine, a pyrrolizidine alkaloid from Senecio brasiliensis, in somatic cells of Drosophila melanogaster. Environ Mol Mutagen. 1997;29(1):91-7.

[2]. Walber Toma, et al. Modulation of gastrin and epidermal growth factor by pyrrolizidine alkaloids obtained from Senecio brasiliensis in acute and chronic induced gastric ulcers. Can J Physiol Pharmacol. 2004 May;82(5):319-25.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA