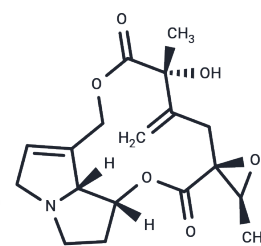


Jacozine

Chemical Properties

CAS No. :	5532-23-0
Formula:	C ₁₈ H ₂₃ N ₁ O ₆
Molecular Weight:	349.38
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Jacozine is an alkaloid found in ragwort.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8622 mL	14.3111 mL	28.6221 mL
5 mM	0.5724 mL	2.8622 mL	5.7244 mL
10 mM	0.2862 mL	1.4311 mL	2.8622 mL
50 mM	0.0572 mL	0.2862 mL	0.5724 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Joosten L, Cheng D, Mulder PP, Vrieling K, van Veen JA, Klinkhamer PG. The genotype dependent presence of pyrrolizidine alkaloids as tertiary amine in *Jacobaea vulgaris*. *Phytochemistry*. 2011 Feb;72(2-3):214-22. doi: 10.1016/j.phytochem.2010.11.013. Epub 2010 Dec 13. PubMed PMID: 21159354.
- Li SL, Lin G, Fu PP, Chan CL, Li M, Jiang ZH, Zhao ZZ. Identification of five hepatotoxic pyrrolizidine alkaloids in a commonly used traditional Chinese medicinal herb, *Herba Senecionis scandentis* (Qianliguang). *Rapid Commun Mass Spectrom*. 2008;22(4):591-602. doi: 10.1002/rcm.3398. PubMed PMID: 18220326.
- Tundis R, Loizzo MR, Statti GA, Passalacqua NG, Peruzzi L, Menichini F. Pyrrolizidine alkaloid profiles of the *Senecio cineraria* group (Asteraceae). *Z Naturforsch C*. 2007 Jul-Aug;62(7-8):467-72. PubMed PMID: 17913058.
- Christov VS, Mikhova BP, Evstatieva LN. Alkaloids from *Senecio aquaticus*. *Fitoterapia*. 2002 Apr;73(2):171-3. PubMed PMID: 11978435.

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