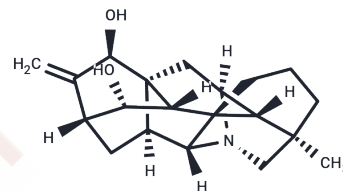


Kobusine

Chemical Properties

CAS No. :	27530-78-5
Formula:	C ₂₀ H ₂₇ NO ₂
Molecular Weight:	313.441
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	Kobusine is an aconite alkaloid of the C ₂₀ -diterpenoid type.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1904 mL	15.952 mL	31.904 mL
5 mM	0.6381 mL	3.1904 mL	6.3808 mL
10 mM	0.319 mL	1.5952 mL	3.1904 mL
50 mM	0.0638 mL	0.319 mL	0.6381 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

- Wada K, Ishizuki S, Mori T, Fujihira E, Kawahara N. Effects of Aconitum alkaloid kobusine and pseudokobusine derivatives on cutaneous blood flow in mice. *Biol Pharm Bull.* 1998 Feb;21(2):140-6. PubMed PMID: 9514608.
- Wada K, Ishizuki S, Mori T, Fujihira E, Kawahara N. Effects of Aconitum alkaloid kobusine and pseudokobusine derivatives on cutaneous blood flow in mice; II. *Biol Pharm Bull.* 2000 May;23(5):607-15. PubMed PMID: 10823674.
- OKAMOTO T, NATSUME M, ZENDA H, KAMATA S. Structural correlation of kobusine to pseudokobusine. *Chem Pharm Bull (Tokyo).* 1962 Sep;10:883-6. PubMed PMID: 13939783.
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