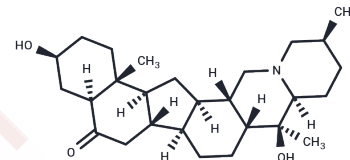


## Sipeimine

## Chemical Properties

CAS No. :	61825-98-7
Formula:	C <sub>27</sub> H <sub>43</sub> NO <sub>3</sub>
Molecular Weight:	429.64
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	1. Sipeimine (Kashmirine) has antiasthmatic effect, on tracheal M receptor antagonist. 2. Sipeimine can make Kaba cholinergic induced contraction of tracheal strips of the dose-response curve to the right.
Targets(IC50)	Others, Ferroptosis, NF-κB, Akt, NOD-like Receptor (NLR), Pyroptosis, PI3K

## Solubility Information

Solubility	DMSO: 4.3 mg/mL (10.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3275 mL	11.6377 mL	23.2753 mL
5 mM	0.4655 mL	2.3275 mL	4.6551 mL
10 mM	0.2328 mL	1.1638 mL	2.3275 mL
50 mM	0.0466 mL	0.2328 mL	0.4655 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

Yin H , Chen J L . Sipeimine-Producing Endophytic Fungus Isolated from[J]. Zeitschrift für Naturforschung C, 2008, 63(11-12).

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