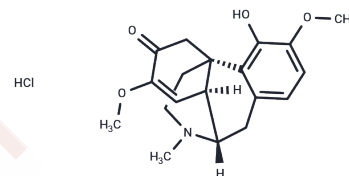


Sinomenine hydrochloride

Chemical Properties

CAS No. :	6080-33-7
Formula:	C ₁₉ H ₂₄ ClNO ₄
Molecular Weight:	365.851
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Sinomenine hydrochloride (Kukoline hydrochloride) is extracted from Sinomenium Acutum Rehderett Wilson.
Targets(IC50)	Apoptosis,NF-κB,Opioid Receptor,Autophagy

Solubility Information

Solubility	DMSO: 50 mg/mL (136.67 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	2.7334 mL	13.6668 mL	27.3336 mL
5 mM	0.5467 mL	2.7334 mL	5.4667 mL
10 mM	0.2733 mL	1.3667 mL	2.7334 mL
50 mM	0.0547 mL	0.2733 mL	0.5467 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.

Reference

Song L, et al. Biochem Biophys Res Commun. 2015 Aug 28;464(3):705-10.

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