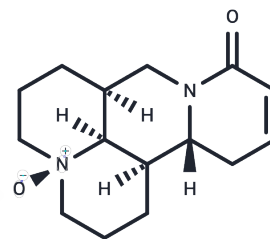


Oxysophocarpine

Chemical Properties

CAS No. : 26904-64-3
 Formula: C₁₅H₂₂N₂O₂
 Molecular Weight: 262.35
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Oxysophocarpine is an alkaloid extracted from seaweed. It has neuroprotective and antinociceptive effects on the central and peripheral nervous systems.
Targets(IC50)	Prostaglandin Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (190.59 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	3.8117 mL	19.0585 mL	38.117 mL
5 mM	0.7623 mL	3.8117 mL	7.6234 mL
10 mM	0.3812 mL	1.9059 mL	3.8117 mL
50 mM	0.0762 mL	0.3812 mL	0.7623 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

Yang Y, et al. Planta Med. 2015 Jul;81(10):791-7.

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