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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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(S)-Coclaurine

Chemical Properties

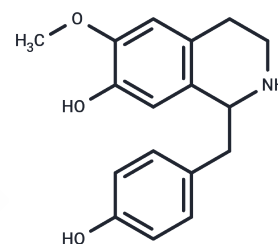
CAS No. : 486-39-5

Formula: C₁₇H₁₉NO₃

Molecular Weight: 285.34

Appearance: no data available

Storage: store at low temperature, keep away from moisture,
keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	(S)-Coclaurine (Coclaurine) is an antagonist of nAChR isolated from <i>Sarcopetalum harveyanum</i> .
Targets(IC50)	AChR
In vitro	(+)-R-Coclaurine shows negative inotropic effects. Coclaurine derivatives and of paeoniflorin derivatives have neuromuscular blocking actions[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5046 mL	17.523 mL	35.0459 mL
5 mM	0.7009 mL	3.5046 mL	7.0092 mL
10 mM	0.3505 mL	1.7523 mL	3.5046 mL
50 mM	0.0701 mL	0.3505 mL	0.7009 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

Kimura I, et al. Inotropic effects of (+/-)-higenamine and its chemically related components, (+)-R-coclaurine and (+)-S-reticuline, contained in the traditional sino-Japanese medicines "bushi" and "shin-i" in isolated guinea pig

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