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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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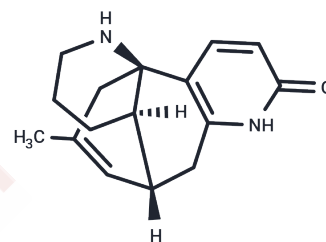
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Huperzine B

Chemical Properties

CAS No. :	103548-82-9
Formula:	C ₁₆ H ₂₀ N ₂ O
Molecular Weight:	256.34
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1. Huperzine-B is a efficient inhibitor of human brain AChE. 2. Huperzine-B can enhance ognitive and protect neuro, may be potentially new drug candidates for Alzheimer's disease therapy.
Targets(IC50)	AChE

Solubility Information

Solubility	Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, DMSO: 10 mg/mL (39.01 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	3.9011 mL	19.5053 mL	39.0107 mL
5 mM	0.7802 mL	3.9011 mL	7.8021 mL
10 mM	0.3901 mL	1.9505 mL	3.9011 mL
50 mM	0.078 mL	0.3901 mL	0.7802 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

Shi Y F , Zhang H Y , Wang W , et al. Novel 16-substituted bifunctional derivatives of huperzine B: multifunctional cholinesterase inhibitors[J]. ACTA PHARMACOLOGICA SINICA, 2009, 30(8):1195-1203.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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