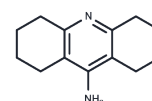
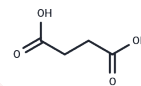


Octahydroaminoacridine succinate

Chemical Properties

CAS No. :	866245-79-6
Formula:	C ₁₇ H ₂₄ N ₂ O ₄
Molecular Weight:	320.38
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	Octahydroaminoacridine succinate, an acetylcholinesterase inhibitor, is used potentially for the treatment of Alzheimer's disease.
Targets(IC50)	Cholinesterase (ChE)

Solubility Information

Solubility	DMSO: 5 mg/mL (15.61 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	3.1213 mL	15.6065 mL	31.2129 mL
5 mM	0.6243 mL	3.1213 mL	6.2426 mL
10 mM	0.3121 mL	1.5606 mL	3.1213 mL
50 mM	0.0624 mL	0.3121 mL	0.6243 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

Han J, Jiang S, Cui X, Sun Y, Li G, Zhang J, Fawcett JP, Gu J. Quantitation of the tacrine analogue octahydroaminoacridine in human plasma by liquid chromatography-tandem mass spectrometry. J Pharm Biomed Anal. 2009 Sep 8;50(2):171-4. doi: 10.1016/j.jpba.2009.03.022. Epub 2009 Apr 1. PubMed PMID: 19395215.

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