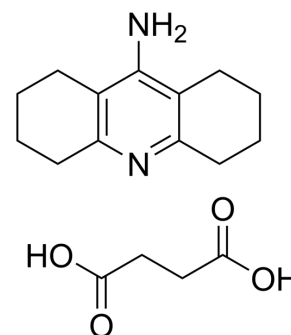


Octahydroaminoacridine succinate

Cat. No.:	HY-135006
CAS No.:	866245-79-6
Molecular Formula:	C ₁₇ H ₂₄ N ₂ O ₄
Molecular Weight:	320.38
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 31.25 mg/mL (97.54 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Octahydroaminoacridine succinate, a Tacrine analogue, is an acetylcholinesterase (AChE) and butyrylcholinesterase (BChE) inhibitor. Octahydroaminoacridine succinate can be used for Alzheimer's disease (AD) research^[1].

REFERENCES

[1]. Jiangbin Han, et al. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA