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Produktinformation



Forschungsprodukte & Biochemikalien



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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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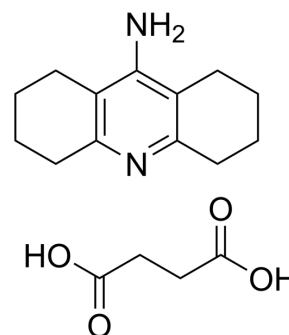
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Octahydroaminoacridine succinate

Cat. No.: HY-135006
CAS No.: 866245-79-6
Molecular Formula: C₁₇H₂₄N₂O₄
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)

	Solvent Concentration	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.

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