

Rivastigmine tartrate

Chemical Properties

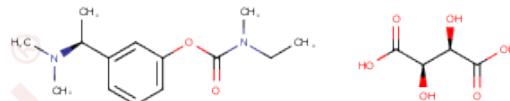
CAS No. : 129101-54-8

Formula: C₁₄H₂₂N₂O₂·C₄H₆O₆

Molecular Weight: 400.43

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Rivastigmine tartrate (SDZ-ENA 713) is a carbamate-derived reversible CHOLINESTERASE INHIBITOR that is selective for the CENTRAL NERVOUS SYSTEM and is used for the treatment of DEMENTIA in ALZHEIMER DISEASE and PARKINSON DISEASE.
Targets(IC50)	AChR,AChE

Solubility Information

Solubility	Ethanol: 74 mg/mL (184.8 mM), DMSO: 39 mg/mL (97.4 mM), H ₂ O: 73 mg/mL (182.3 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4973 mL	12.4866 mL	24.9732 mL
5 mM	0.4995 mL	2.4973 mL	4.9946 mL
10 mM	0.2497 mL	1.2487 mL	2.4973 mL
50 mM	0.0499 mL	0.2497 mL	0.4995 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

Kennedy JS, et al. J Clin Psychopharmacol. 1999 Dec;19(6):513-21.

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