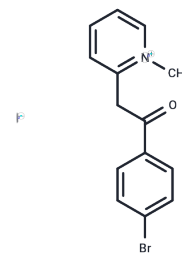


S 24795

Chemical Properties

CAS No. : 304679-75-2
 Formula: C₁₄H₁₃BrINO
 Molecular Weight: 418.07
 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	S 24795 (Catestatin acetate(142211-96-9 free base)) is an $\alpha 7$ nAChR partial agonist. S 24795 improves mnemonic function in aged mice and can be used in studies about aging-related memory disturbances.
Targets(IC50)	AChR

Solubility Information

Solubility	DMSO: 30 mg/mL (71.76 mM),Sonication is recommended. H2O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3919 mL	11.9597 mL	23.9194 mL
5 mM	0.4784 mL	2.3919 mL	4.7839 mL
10 mM	0.2392 mL	1.196 mL	2.3919 mL
50 mM	0.0478 mL	0.2392 mL	0.4784 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

Lagostena L, et al. The partial $\alpha 7$ nicotine acetylcholine receptor agonist S 24795 enhances long-term potentiation at CA3-CA1 synapses in the adult mouse hippocampus. *Neuropharmacology*. 2008 Mar;54(4):676-85.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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