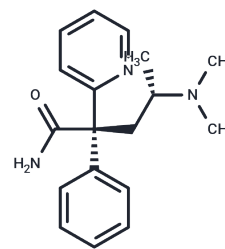


(S)-Vamicamide

Chemical Properties

CAS No. :	151851-72-8
Formula:	C ₁₈ H ₂₃ N ₃ O
Molecular Weight:	297.39
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)-Vamicamide is a novel anticholinergic compound. Vamicamide increases spontaneous locomotor activity in mice at 32 mg/kg or higher (p.o.) and inhibits tonic convulsions in mice at 100 mg/kg. 13483-86-1
Targets(IC50)	AChR, Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3626 mL	16.8129 mL	33.6259 mL
5 mM	0.6725 mL	3.3626 mL	6.7252 mL
10 mM	0.3363 mL	1.6813 mL	3.3626 mL
50 mM	0.0673 mL	0.3363 mL	0.6725 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

Yamamoto T, et al. Effects of vamicamide on urinary bladder functions in conscious dog and rat models of urinary frequency. J Urol. 1995 Dec;154(6):2174-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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