

Blarcamesine

Chemical Properties

CAS No. :	195615-83-9
Formula:	C ₁₉ H ₂₃ NO
Molecular Weight:	281.39
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	Blarcamesine (AVex-73) is a muscarinic M1 agonist potentially for the treatment of Alzheimer's disease.
Targets(IC50)	AChR, Sigma receptor

Solubility Information

Solubility	DMSO: 2.82 mg/mL (10.02 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5538 mL	17.7689 mL	35.5379 mL
5 mM	0.7108 mL	3.5538 mL	7.1076 mL
10 mM	0.3554 mL	1.7769 mL	3.5538 mL
50 mM	0.0711 mL	0.3554 mL	0.7108 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

Matsueda, Gao S, Efferson H, et al. N-terminally LRMK-linked HER-2 peptides, AE-37[J]. 2009.

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