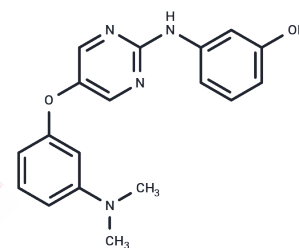


SEN-1269

Chemical Properties

CAS No. : 956128-01-1
 Formula: C₁₈H₁₈N₄O₂
 Molecular Weight: 322.36
 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	SEN-1269 is an amyloid- β (A β) aggregation inhibitor that acts by blocking A β (1-42) aggregation and protecting neuronal cell lines exposed to A β (1-42), reducing A β oligomer-induced LTP and memory deficits in vivo.
Targets(IC50)	Beta Amyloid,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1021 mL	15.5106 mL	31.0212 mL
5 mM	0.6204 mL	3.1021 mL	6.2042 mL
10 mM	0.3102 mL	1.5511 mL	3.1021 mL
50 mM	0.062 mL	0.3102 mL	0.6204 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

Scopes DI, O'Hare E, Jeggo R, Whyment AD, Spanswick D, Kim EM, Gannon J, Amijee H, Treherne JM. A β oligomer toxicity inhibitor protects memory in models of synaptic toxicity. Br J Pharmacol. 2012 Sep;167(2):383-92. doi: 10.1111/j.1476-5381.2012.01973.x. PubMed PMID: 22913627; PubMed Central PMCID: PMC3481045.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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