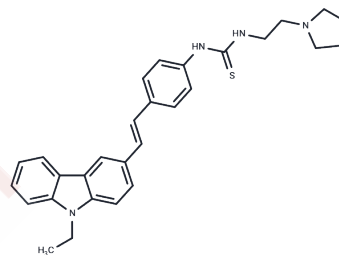


A β 1-42 aggregation inhibitor 1

Chemical Properties

CAS No. :	2439107-75-0
Formula:	C ₂₉ H ₃₂ N ₄ S
Molecular Weight:	468.66
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	A β 1-42 aggregation inhibitor 1 effectively inhibits acetylcholinesterase (AChE) and butyrylcholinesterase (BuChE) with IC ₅₀ values of 2.64 μ M and 1.29 μ M, respectively. At 25 μ M, it also reduces self-mediated A β 1-42 aggregation by 51.29%, showcasing its potential for Alzheimer's disease research [1].
Targets(IC ₅₀)	Beta Amyloid,Others,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1337 mL	10.6687 mL	21.3374 mL
5 mM	0.4267 mL	2.1337 mL	4.2675 mL
10 mM	0.2134 mL	1.0669 mL	2.1337 mL
50 mM	0.0427 mL	0.2134 mL	0.4267 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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