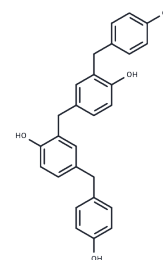


α -Synuclein inhibitor 9

Chemical Properties

CAS No. :	1510825-03-2
Formula:	C27H24O4
Molecular Weight:	412.48
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	α -Synuclein inhibitor 9 (Compound 20C) targets and binds to cavities within mature α -synuclein fibrils, diminishing their β -sheet content. It effectively inhibits the aggregation of A53T α -synuclein, exhibits neuroprotective properties, enhances brain functionality, and alleviates motor impairments. This compound is utilized in research related to Parkinson's disease (PD). [1]
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4244 mL	12.1218 mL	24.2436 mL
5 mM	0.4849 mL	2.4244 mL	4.8487 mL
10 mM	0.2424 mL	1.2122 mL	2.4244 mL
50 mM	0.0485 mL	0.2424 mL	0.4849 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

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