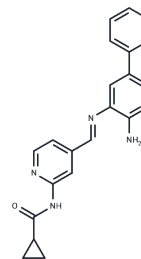


PIMPC

Chemical Properties

CAS No. :	2250244-44-9
Formula:	C ₂₁ H ₁₉ N ₅ O
Molecular Weight:	357.41
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	PIMPC, a compound endowed with antioxidant and metal-chelating properties, acts as a novel inhibitor of glycogen synthase kinase 3 (GSK-3), and exhibits potential therapeutic effects for Alzheimer's disease [1].
Targets(IC50)	GSK-3

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7979 mL	13.9895 mL	27.9791 mL
5 mM	0.5596 mL	2.7979 mL	5.5958 mL
10 mM	0.2798 mL	1.399 mL	2.7979 mL
50 mM	0.056 mL	0.2798 mL	0.5596 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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