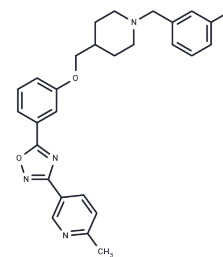


AChE/Nrf2 modulator 1

Chemical Properties

CAS No. :	2417117-84-9
Formula:	C27H27FN4O2
Molecular Weight:	458.53
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	AChE/Nrf2 modulator 1, an orally active compound, serves as a modulator of acetylcholinesterase (AChE) and nuclear factor erythroid 2-related factor 2 (Nrf2). It exhibits Nrf2 inductive activity alongside inhibitory effects on eeAChE and hAChE, demonstrating IC ₅₀ values of 0.07 μM and 0.38 μM, respectively. This compound is applicable in Alzheimer's disease research.
Targets(IC ₅₀)	Others,Nrf2,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1809 mL	10.9044 mL	21.8088 mL
5 mM	0.4362 mL	2.1809 mL	4.3618 mL
10 mM	0.2181 mL	1.0904 mL	2.1809 mL
50 mM	0.0436 mL	0.2181 mL	0.4362 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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