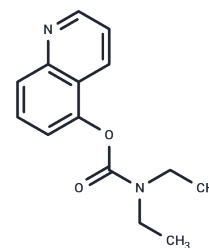


eeAChE/eqBuChE-IN-1

Chemical Properties

CAS No. : 2921654-26-2
 Formula: C₁₄H₁₆N₂O₂
 Molecular Weight: 244.29
 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	eeAChE/eqBuChE-IN-1 (compound 3F) serves as a reversible dual inhibitor of eeAChE/eqBuChE, exhibiting IC ₅₀ values of 1.3 μM and 0.81 μM, respectively. In addition, this compound demonstrates anti-inflammatory properties and provides neuroprotective effects against Aβ ₂₅₋₃₅ -induced injury in PC12 cells [1].
Targets(IC ₅₀)	Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0935 mL	20.4675 mL	40.935 mL
5 mM	0.8187 mL	4.0935 mL	8.187 mL
10 mM	0.4093 mL	2.0467 mL	4.0935 mL
50 mM	0.0819 mL	0.4093 mL	0.8187 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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