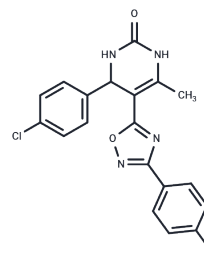


AChE-IN-91

Chemical Properties

CAS No. :	1171708-92-1
Formula:	C ₁₉ H ₁₄ ClFN ₄ O ₂
Molecular Weight:	384.79
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-IN-91 (Compound 8u) is an AChE inhibitor with an IC ₅₀ of 0.05 μM. It exhibits significant anticholinesterase activity, making it valuable for studying neurological disorders such as Alzheimer's disease (AD).
Targets(IC ₅₀)	Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5988 mL	12.9941 mL	25.9882 mL
5 mM	0.5198 mL	2.5988 mL	5.1976 mL
10 mM	0.2599 mL	1.2994 mL	2.5988 mL
50 mM	0.052 mL	0.2599 mL	0.5198 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481