# Data Sheet (Cat.No.T63307)



#### AChE-IN-6

### **Chemical Properties**

CAS No.: 2758788-95-1 Formula: C29H41N5O2

Molecular Weight: 491.67

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

## **Biological Description**

Description	AChE-IN-6 is an optimal multifunctional ligand that significantly inhibits AChE activity
	with IC50 values of 0.20 μM and 37.02 nM for EeAChE and HuAChE, respectively, and has
	anti-Aβ activity (IC50= 1.92 μM for self-induced Aβ1-42 aggregation, IC50= 1.80 μM for
· ·	disaggregation of Aβ1-42 pro AChE-IN-6 has shown research potential in Alzheimer's
	disease.

## **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	2.0339 mL	10.1694 mL	20.3388 mL
5 mM	0.4068 mL	2.0339 mL	4.0678 mL
10 mM	0.2034 mL	1.0169 mL	2.0339 mL
50 mM	0.0407 mL	0.2034 mL	0.4068 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Page 1 of 1 www.targetmol.com