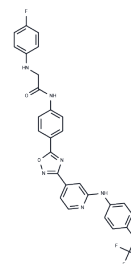


BuChE-IN-2

Chemical Properties

CAS No. :	2745118-93-6
Formula:	C ₂₈ H ₂₀ F ₄ N ₆ O ₃
Molecular Weight:	564.49
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	BuChE-IN-2 is an excellent inhibitor of butylcholinesterase (BuChE), acting on BuChE (IC ₅₀ : 1.28 μM) and NO (IC ₅₀ : 0.67 μM). BuChE-IN-2 inhibits Aβ aggregation, ROS formation and Cu ²⁺ chelation, exhibits proper blood-brain barrier (BBB) penetration and can be used in Alzheimer's disease research.
-------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7715 mL	8.8576 mL	17.7151 mL
5 mM	0.3543 mL	1.7715 mL	3.543 mL
10 mM	0.1772 mL	0.8858 mL	1.7715 mL
50 mM	0.0354 mL	0.1772 mL	0.3543 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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481