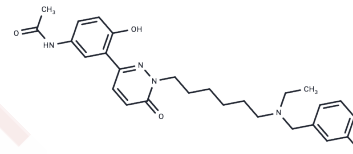


## AChE-IN-88

## Chemical Properties

CAS No. :	2758789-03-4
Formula:	C <sub>27</sub> H <sub>33</sub> FN <sub>4</sub> O <sub>3</sub>
Molecular Weight:	480.57
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-88 (Compound 26) is a novel pyrazine derivative. It is an orally active multi-target ligand for Alzheimer's disease (AD), effectively inhibiting both acetylcholinesterase (AChE) and amyloid-beta (Aβ) aggregation with a pIC <sub>50</sub> of 7.16.
Targets(IC <sub>50</sub> )	Beta Amyloid,Cholinesterase (ChE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0809 mL	10.4043 mL	20.8086 mL
5 mM	0.4162 mL	2.0809 mL	4.1617 mL
10 mM	0.2081 mL	1.0404 mL	2.0809 mL
50 mM	0.0416 mL	0.2081 mL	0.4162 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