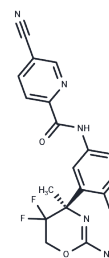


## BACE1-IN-1

## Chemical Properties

CAS No. :	1310347-50-2
Formula:	C <sub>18</sub> H <sub>14</sub> F <sub>3</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	389.33
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	BACE1-IN-1 is a high brain penetrant BACE1 inhibitor (IC <sub>50</sub> s: 32 and 47 nM for human BACE1 and BACE2).
Targets(IC <sub>50</sub> )	Beta-Secretase, BACE

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5685 mL	12.8426 mL	25.6852 mL
5 mM	0.5137 mL	2.5685 mL	5.137 mL
10 mM	0.2569 mL	1.2843 mL	2.5685 mL
50 mM	0.0514 mL	0.2569 mL	0.5137 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.

## Reference

Hilpert H, et al.  $\beta$ -Secretase (BACE1) inhibitors with high in vivo efficacy suitable for clinical evaluation in Alzheimer's disease. J Med Chem. 2013 May 23;56(10):3980-95.

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: 34 Washington Street, Wellesley Hills, MA 02481