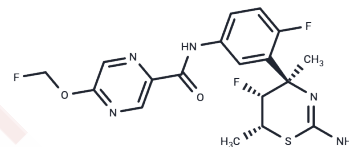


$\beta$ -Secretase Inhibitor I

## Chemical Properties

CAS No. :	1818239-19-8
Formula:	C <sub>18</sub> H <sub>18</sub> F <sub>3</sub> N <sub>5</sub> O <sub>2</sub> S
Molecular Weight:	425.43
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	$\beta$ -Secretase Inhibitor I is a highly potent inhibitor of the $\beta$ -secretase enzyme. This compound exhibits exceptional inhibitory activity while also demonstrating a significant reduction in cardiovascular and liver toxicity.
Targets(IC50)	Others, Beta-Secretase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3506 mL	11.7528 mL	23.5056 mL
5 mM	0.4701 mL	2.3506 mL	4.7011 mL
10 mM	0.2351 mL	1.1753 mL	2.3506 mL
50 mM	0.047 mL	0.2351 mL	0.4701 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

Tadano G, et al. Discovery of an Extremely Potent Thiazine-Based  $\beta$ -Secretase Inhibitor with Reduced Cardiovascular and Liver Toxicity at a Low Projected Human Dose. J Med Chem. 2019 Oct 24;62(20):9331-9337.

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