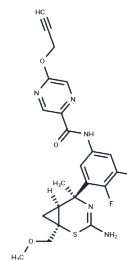


AM-6494

## Chemical Properties

CAS No. : 1874232-80-0  
 Formula: C<sub>22</sub>H<sub>21</sub>F<sub>2</sub>N<sub>5</sub>O<sub>3</sub>S  
 Molecular Weight: 473.5  
 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	AM-6494, a potent and orally active BACE1 inhibitor (IC <sub>50</sub> : 0.4 nM), exhibits in vivo selectivity over BACE2 (IC <sub>50</sub> : 18.6 nM).
Targets(IC <sub>50</sub> )	Beta-Secretase, BACE

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1119 mL	10.5597 mL	21.1193 mL
5 mM	0.4224 mL	2.1119 mL	4.2239 mL
10 mM	0.2112 mL	1.056 mL	2.1119 mL
50 mM	0.0422 mL	0.2112 mL	0.4224 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

Pettus LH, Discovery of AM-6494: A Potent and Orally Efficacious  $\beta$ -Site Amyloid Precursor Protein Cleaving Enzyme 1 (BACE1) Inhibitor with in Vivo Selectivity over BACE2. J Med Chem. 2019 Oct 18.

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