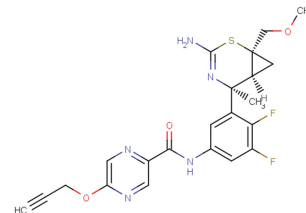


Data Sheet (Cat.No.T10292)

AM-6494

Chemical Properties

CAS No.:	1874232-80-0
Formula:	C22H21F2N5O3S
Molecular Weight:	473.5
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	AM-6494 is a potent and orally active BACE1 inhibitor (IC ₅₀ : 0.4 nM) with in vivo selectivity over BACE2 (IC ₅₀ : 18.6 nM).
Targets(IC ₅₀)	BACE2: 18.6 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.112 mL	10.56 mL	21.119 mL
5 mM	0.422 mL	2.112 mL	4.224 mL
10 mM	0.211 mL	1.056 mL	2.112 mL
50 mM	0.042 mL	0.211 mL	0.422 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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