

(S)-VU0637120

## Chemical Properties

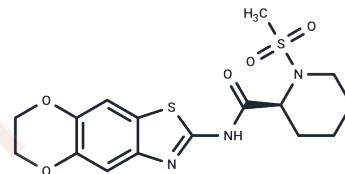
CAS No. : 1175940-86-9

Formula: C<sub>16</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub>S<sub>2</sub>

Molecular Weight: 397.47

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	(S)-VU0637120 is a selective neuropeptide Y(4)R-mutant antagonist used in the study of metabolic disorders.
Targets(IC50)	Others,Neuropeptide Y Receptor

## Solubility Information

Solubility	DMSO: 50 mg/mL (125.8 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5159 mL	12.5796 mL	25.1591 mL
5 mM	0.5032 mL	2.5159 mL	5.0318 mL
10 mM	0.2516 mL	1.258 mL	2.5159 mL
50 mM	0.0503 mL	0.2516 mL	0.5032 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

Schüb C, et al. Highly Selective Y4 Receptor Antagonist Binds in an Allosteric Binding Pocket. J Med Chem. 2021 Mar 11;64(5):2801-2814.

**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