

UNC 1021

## Chemical Properties

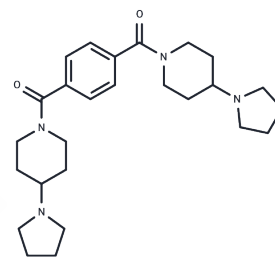
CAS No. : 1322591-19-4

Formula: C<sub>26</sub>H<sub>38</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 438.61

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	UNC 1021 is a selective L3MBTL3 inhibitor (IC <sub>50</sub> = 0.048 μM).
Targets(IC <sub>50</sub> )	Epigenetic Reader Domain

## Solubility Information

Solubility	DMSO: 9 mg/mL (20.52 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2799 mL	11.3996 mL	22.7993 mL
5 mM	0.456 mL	2.2799 mL	4.5599 mL
10 mM	0.228 mL	1.140 mL	2.2799 mL
50 mM	0.0456 mL	0.228 mL	0.456 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

James LI, et al. Small-molecule ligands of methyl-lysine binding proteins: optimization of selectivity for L3MBTL3. J Med Chem. 2013 Sep 26;56(18):7358-71.

**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