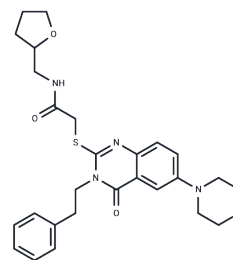


BC-1471

## Chemical Properties

CAS No. : 896683-84-4  
 Formula: C<sub>27</sub>H<sub>32</sub>N<sub>4</sub>O<sub>4</sub>S  
 Molecular Weight: 508.63  
 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	BC-1471 is a STAM-binding protein (STAMBP) deubiquitinase inhibitor that inhibits the inflammasome activity of NALP7 (NACHT, LRR, and PYD domains-containing protein 7) [1].
Targets(IC50)	Others,Caspase,DUB,Interleukin

## Solubility Information

Solubility	DMSO: 10 mg/mL (19.66 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9661 mL	9.8303 mL	19.6607 mL
5 mM	0.3932 mL	1.9661 mL	3.9321 mL
10 mM	0.1966 mL	0.983 mL	1.9661 mL
50 mM	0.0393 mL	0.1966 mL	0.3932 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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