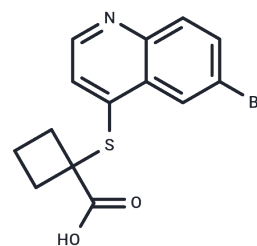


## Ruzinurad

## Chemical Properties

CAS No. :	1638327-48-6
Formula:	C <sub>14</sub> H <sub>12</sub> BrNO <sub>2</sub> S
Molecular Weight:	338.22
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	Ruzinurad (WO2020088641, compound I) is a potent URAT1 inhibitor, exhibiting high selectivity. This compound shows great promise for investigating hyperuricemia.
Targets(IC50)	OAT,Others
In vitro	Ruzinurad is a highly selective URAT1 inhibitor, exhibiting significant activity in reducing serum urate levels in hyperuricemic patients by effectively blocking the URAT1 (urate transporter 1) protein to enhance uric acid excretion, thereby mitigating the risk of gout and related conditions. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9567 mL	14.7833 mL	29.5666 mL
5 mM	0.5913 mL	2.9567 mL	5.9133 mL
10 mM	0.2957 mL	1.4783 mL	2.9567 mL
50 mM	0.0591 mL	0.2957 mL	0.5913 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

WO2020088641

**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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