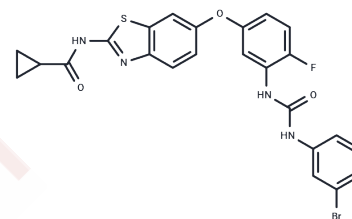


## RIPK3-IN-4

## Chemical Properties

CAS No. :	2304617-58-9
Formula:	C <sub>24</sub> H <sub>18</sub> BrFN <sub>4</sub> O <sub>3</sub> S
Molecular Weight:	541.39
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	RIPK3-IN-4 (Compound 42) is a RIPK3 inhibitor that mitigates necroptosis, inflammatory responses, and HK-2 cell damage. It alleviates acute kidney injury by attenuating Cisplatin- and I/R-induced kidney damage, along with associated inflammatory responses and necroptosis [1].
Targets(IC50)	RIP kinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8471 mL	9.2355 mL	18.471 mL
5 mM	0.3694 mL	1.8471 mL	3.6942 mL
10 mM	0.1847 mL	0.9235 mL	1.8471 mL
50 mM	0.0369 mL	0.1847 mL	0.3694 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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481