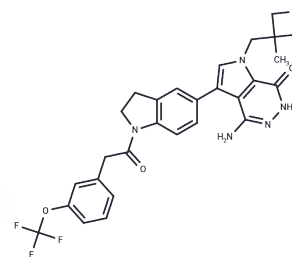


## RIPK1-IN-20

## Chemical Properties

CAS No. :	3026543-19-8
Formula:	C <sub>28</sub> H <sub>26</sub> F <sub>3</sub> N <sub>5</sub> O <sub>4</sub>
Molecular Weight:	553.53
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	RIPK1-IN-20 has strong RIPK1 kinase inhibitory activity with an IC <sub>50</sub> value of 59.8 nM. It can block TNF $\alpha$ -induced necroptosis in both human and mouse cells, with an EC <sub>50</sub> ranging from 1.06 to 4.58 nM.
Targets(IC <sub>50</sub> )	Necroptosis,RIP kinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8066 mL	9.0329 mL	18.0659 mL
5 mM	0.3613 mL	1.8066 mL	3.6132 mL
10 mM	0.1807 mL	0.9033 mL	1.8066 mL
50 mM	0.0361 mL	0.1807 mL	0.3613 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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