

## RIP3 activator 1

## Chemical Properties

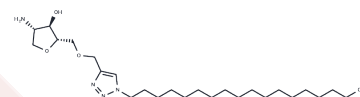
CAS No. : 1456899-52-7

Formula: C<sub>26</sub>H<sub>50</sub>N<sub>4</sub>O<sub>3</sub>

Molecular Weight: 466.7

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	RIP3 Activator 1 (compound C8) is an effective RIP3 activator that inhibits cell growth and induces necroptotic cell death (necroptosis) and autophagy through the RIP3/p62/Keap1 signaling pathway. Additionally, this compound enhances the expression of p-MLKL and promotes the accumulation of LC3-II and p62 proteins.
Targets(IC50)	Autophagy, Necroptosis, RIP kinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1427 mL	10.7135 mL	21.427 mL
5 mM	0.4285 mL	2.1427 mL	4.2854 mL
10 mM	0.2143 mL	1.0714 mL	2.1427 mL
50 mM	0.0429 mL	0.2143 mL	0.4285 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

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