

RIPK3-IN-3

## Chemical Properties

CAS No. :

Formula: C16H11N5S

Molecular Weight: 305.36

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-3 (compound 20) is a selective RIPK3 inhibitor with a potent IC50 value of 10 nM, effectively blocking RIPK3-mediated phosphorylation of MLKL, preventing oligomerization and necroptosis induction. Moreover, RIPK3-IN-3 suppresses CXCL5 secretion and impedes AsPC-1 cell migration and invasion [1].
Targets(IC50)	MLK,Others,RIP kinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2748 mL	16.3741 mL	32.7482 mL
5 mM	0.655 mL	3.2748 mL	6.5496 mL
10 mM	0.3275 mL	1.6374 mL	3.2748 mL
50 mM	0.0655 mL	0.3275 mL	0.655 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.

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