

## Anticancer agent 267

## Chemical Properties

CAS No. :

Formula: C<sub>13</sub>H<sub>11</sub>N<sub>5</sub>O<sub>4</sub>S

Molecular Weight: 333.32

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	Anticanceragent 267 (Compound 5q) serves as an activator of RIPK3 and MLKL. It effectively inhibits the proliferation of several cancer cell lines, with IC <sub>50</sub> values of 9.79, 10.77, and 5.94 $\mu$ M for MDA-MB-231, MDA-MB-486, and MCF-7, respectively. The compound induces cell cycle arrest at the subG1 phase and triggers necroptosis in MDA-MB-231 cells. Additionally, Anticanceragent 267 demonstrates antitumor activity in mouse xenograft models.
Targets(IC <sub>50</sub> )	MLK,Necroptosis,RIP kinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0001 mL	15.0006 mL	30.0012 mL
5 mM	0.600 mL	3.0001 mL	6.0002 mL
10 mM	0.300 mL	1.5001 mL	3.0001 mL
50 mM	0.060 mL	0.300 mL	0.600 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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