Data Sheet (Cat.No.T61478)



ROS1-IN-1

Chemical Properties

CAS No.:

Formula: C17H15ClN6S

Molecular Weight: 370.86

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	ROS1-IN-1 (Compound 31) is a highly effective and specific inhibitor of the ROS1 kinase, displaying a remarkable inhibitory concentration (IC 50) of 0.097 µM [1].
In vitro	ROS1-IN-1 (Compound 31) (1 μ M) exhibits true selectivity for ROS1, as it does not inhibit any other kinase by more than 50%, making it an ideal candidate for targeted optimization against ROS1 [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6964 mL	13.4822 mL	26.9644 mL
5 mM	0.5393 mL	2.6964 mL	5.3929 mL
10 mM	0.2696 mL	1.34 <mark>82 mL</mark>	2.6964 mL
50 mM	0.0539 mL	0.2696 mL	0.5393 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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