

ROS1-IN-1

Chemical Properties

CAS No. :

Formula: C₁₇H₁₅ClN₆S

Molecular Weight: 370.86

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	ROS1-IN-1 (Compound 31) is a highly effective and specific ROS1 kinase inhibitor, with an inhibitory concentration (IC ₅₀) of 0.097 μ M [1].
Targets(IC ₅₀)	Others,ROS Kinase
In vitro	ROS1-IN-1 (Compound 31) (1 μ M) demonstrates high selectivity for ROS1, inhibiting no 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	1.3482 mL	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.

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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