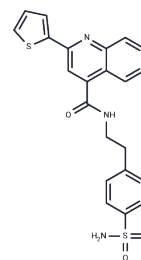


ROS kinases-IN-2

Chemical Properties

CAS No. :	687576-28-9
Formula:	C ₂₂ H ₁₉ N ₃ O ₃ S ₂
Molecular Weight:	437.54
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	ROS kinases-IN-2, with an inhibition rate of 21.53% at 10 μ M, is a potent ROS kinase inhibitor with potential anticancer activity and applications in studying abnormal cell growth.
Targets(IC50)	ROS Kinase

Solubility Information

Solubility	DMSO: 55 mg/mL (125.7 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2855 mL	11.4275 mL	22.8551 mL
5 mM	0.4571 mL	2.2855 mL	4.571 mL
10 mM	0.2286 mL	1.1428 mL	2.2855 mL
50 mM	0.0457 mL	0.2286 mL	0.4571 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.

Reference

Dorre A. GRUENEGERG, et al. Novel methods, compounds, and compositions for inhibition of ros. Patent WO2014141129A2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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