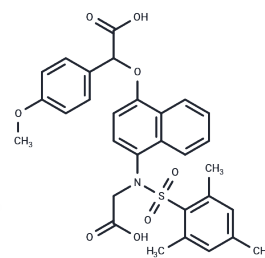


Keap1-Nrf2-IN-14

Chemical Properties

CAS No. :	1928782-31-3
Formula:	C30H29NO8S
Molecular Weight:	563.62
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	Keap1-Nrf2-IN-14 is a KEAP1-NRF2 inhibitor that effectively disrupts the KEAP1-NRF2 interaction (IC50: 75 nM) with a Kd=24 nM for KEAP1. Keap1-Nrf2-IN-14 induces the expression of NRF2 target genes and is able to enhance downstream antioxidant and anti-inflammatory effects. -Nrf2-IN-14 can be used to study oxidative stress-related inflammation.
Targets(IC50)	Others,Reactive Oxygen Species,Nrf2

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7742 mL	8.8712 mL	17.7425 mL
5 mM	0.3548 mL	1.7742 mL	3.5485 mL
10 mM	0.1774 mL	0.8871 mL	1.7742 mL
50 mM	0.0355 mL	0.1774 mL	0.3548 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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