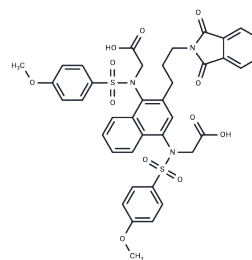


Keap1-Nrf2-IN-15

Chemical Properties

CAS No. :	2456295-45-5
Formula:	C39H35N3O12S2
Molecular Weight:	801.84
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-15 (Compound 24a) is a potent inhibitor of the Keap1-Nrf2 protein-protein interaction, with IC50 values of 77 nM in a fluorescence polarization (FP) assay and 2.5 nM in a time-resolved fluorescence resonance energy transfer (TR-FRET) assay [1].
Targets(IC50)	Others,Nrf2
In vitro	Keap1-Nrf2-IN-15 (Compound 24a) binds to Keap1 protein [1] and, at concentrations of 10 and 100 μM for 24 hours, significantly induces the expression of Nrf2 target genes (HMOX1, GSTM3, NQO1) in NCM460D cells [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2471 mL	6.2357 mL	12.4713 mL
5 mM	0.2494 mL	1.2471 mL	2.4943 mL
10 mM	0.1247 mL	0.6236 mL	1.2471 mL
50 mM	0.0249 mL	0.1247 mL	0.2494 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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