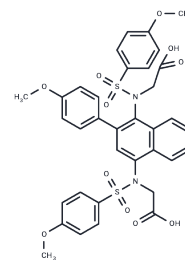


## Nrf2 activator-7

## Chemical Properties

CAS No. :	2456295-39-7
Formula:	C35H32N2O11S2
Molecular Weight:	720.77
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	Nrf2 Activator-7 (Compound 12b) effectively enhances the Nrf2 signaling pathway as a potent Nrf2 activator.
Targets(IC50)	Others,Nrf2
In vitro	Nrf2 activator-7 exhibits binding affinity to Keap1 with an IC50 value of 85 nM as determined by fluorescence polarization (FP) and an IC50 value of 13.1 nM as measured by time-resolved fluorescence energy transfer (TR-FRET), with a Ki value of 4.9 nM [1]. Furthermore, Nrf2 activator-7 at concentrations of 1, 10, and 100 μM over 24 hours increases the transcription of Nrf2 target genes (GSTM3, HMOX1, and NQO1) [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3874 mL	6.937 mL	13.8741 mL
5 mM	0.2775 mL	1.3874 mL	2.7748 mL
10 mM	0.1387 mL	0.6937 mL	1.3874 mL
50 mM	0.0277 mL	0.1387 mL	0.2775 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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