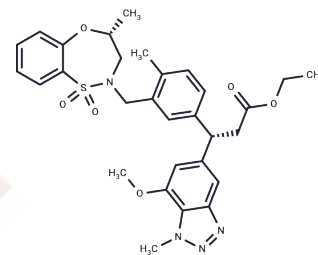


Nrf2 activator-1

Chemical Properties

CAS No. :	2230697-41-1
Formula:	C30H34N4O6S
Molecular Weight:	578.68
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-1 is a potent activator of NF-E2-related factor 2 (Nrf2) and can be used to study COPD and other respiratory diseases, including asthma, acute lung injury (ALI), acute respiratory distress syndrome (ARDS), and pulmonary fibrosis.
Targets(IC50)	Nrf2

Solubility Information

Solubility	DMSO: 60 mg/mL (103.68 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	1.7281 mL	8.6404 mL	17.2807 mL
5 mM	0.3456 mL	1.7281 mL	3.4561 mL
10 mM	0.1728 mL	0.864 mL	1.7281 mL
50 mM	0.0346 mL	0.1728 mL	0.3456 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

James Francis Callahan, et al. Bisaryl amides as nrf2 regulators. WO2018109647A1.

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