

Nrf2 degrader 30

Chemical Properties

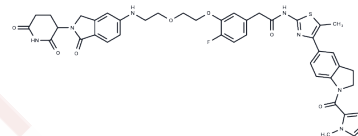
CAS No. : 3025286-29-4

Formula: C42H41FN8O7S

Molecular Weight: 820.89

Storage: Store at low temperature, Keep away from moisture
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 degrader 30 is a small molecule PROTAC that inhibits the degradation of Nrf2, thereby enhancing its activity. Nrf2 is a key transcription factor that regulates cellular antioxidant responses and various protective mechanisms. The activity of Nrf2 is primarily regulated by its interaction with Keap1, which serves as an E3 ubiquitin ligase complex adapter to promote Nrf2 ubiquitination and proteasomal degradation.
Targets(IC50)	Nrf2, PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2182 mL	6.091 mL	12.1819 mL
5 mM	0.2436 mL	1.2182 mL	2.4364 mL
10 mM	0.1218 mL	0.6091 mL	1.2182 mL
50 mM	0.0244 mL	0.1218 mL	0.2436 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

John Edwin Munroe Robert Christian WILD. Preparation of thiazolyl acetamide derivatives as Nrf2 protein degraders. WO2024006742A2

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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