

GRK2 degrader-1

Chemical Properties

CAS No. :	3052947-04-0
Formula:	C ₂₅ H ₂₂ N ₄ O ₄ S
Molecular Weight:	474.54
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	GRK2 degrader-1 (compound 1) is a potent and orally active GRK2 degrader. It facilitates the degradation of GRK2 via the ubiquitin-proteasome pathway. In a pulmonary arterial hypertension (PAH) mouse model, GRK2 degrader-1 inhibits right ventricular remodeling and the increase in pulmonary arterial pressure. This compound is suitable for research in pulmonary arterial hypertension (PAH).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1073 mL	10.5365 mL	21.073 mL
5 mM	0.4215 mL	2.1073 mL	4.2146 mL
10 mM	0.2107 mL	1.0537 mL	2.1073 mL
50 mM	0.0421 mL	0.2107 mL	0.4215 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.

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