

ROCK-IN-6

Chemical Properties

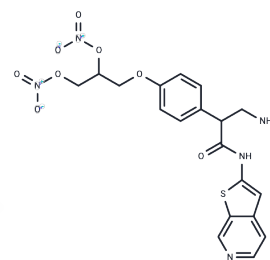
CAS No. : 2489328-74-5

Formula: C₁₉H₁₉N₅O₈S

Molecular Weight: 477.45

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	ROCK-IN-6, a selective ROCK2 inhibitor, exhibits potent inhibition with an IC ₅₀ of 2.19 nM and holds promise for research into glaucoma and retinal diseases [1].
Targets(IC ₅₀)	ROCK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0945 mL	10.4723 mL	20.9446 mL
5 mM	0.4189 mL	2.0945 mL	4.1889 mL
10 mM	0.2094 mL	1.0472 mL	2.0945 mL
50 mM	0.0419 mL	0.2094 mL	0.4189 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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