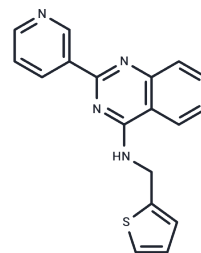


PDE5-IN-9

Chemical Properties

CAS No. : 157862-84-5
 Formula: C₁₈H₁₄N₄S
 Molecular Weight: 318.4
 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	PDE5-IN-9 inhibits Phosphodiesterase PDE1c and is used to treat hypertension, heart failure, myocardial infarction, kidney failure, asthma, bronchitis, and dementia.
Targets(IC50)	PDE

Solubility Information

Solubility	DMSO: 60 mg/mL (188.44 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	3.1407 mL	15.7035 mL	31.407 mL
5 mM	0.6281 mL	3.1407 mL	6.2814 mL
10 mM	0.3141 mL	1.5704 mL	3.1407 mL
50 mM	0.0628 mL	0.3141 mL	0.6281 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

Henderson MJ, et al. A target-agnostic screen identifies approved drugs to stabilize the endoplasmic reticulum-resident proteome. Cell Rep. 2021;35(4):109040.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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