

HIF-PHD-IN-3

Chemical Properties

CAS No. : 794582-71-1

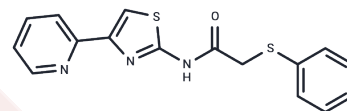
Formula: C₁₆H₁₃N₃O₂S

Molecular Weight: 327.42

Keep away from direct sunlight

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	HIF-PHD-IN-3 is a potent hiPSC-CM cardioprotective scaffold with potential inhibitory effects on HIF-PHD, regulates heme oxygenase-1, and can be used to study anaemia.
Targets(IC50)	Reactive Oxygen Species, ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0542 mL	15.2709 mL	30.5418 mL
5 mM	0.6108 mL	3.0542 mL	6.1084 mL
10 mM	0.3054 mL	1.5271 mL	3.0542 mL
50 mM	0.0611 mL	0.3054 mL	0.6108 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

Kirby RJ, et al. Discovery of Novel Small-Molecule Inducers of Heme Oxygenase-1 That Protect Human iPSC-Derived Cardiomyocytes from Oxidative Stress. J Pharmacol Exp Ther. 2018 Jan;364(1):87-96.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481