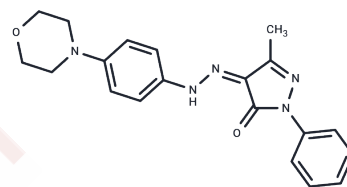


ZINC13466751

Chemical Properties

CAS No. : 117953-17-0
 Formula: C₂₀H₂₁N₅O₂
 Molecular Weight: 363.41
 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	ZINC13466751 is a potent HIF-1 α /von Hippel-Lindau interaction inhibitor(IC ₅₀ = 2.0 μ M).
Targets(IC ₅₀)	HIF/HIF Prolyl-Hydroxylase,HIF

Solubility Information

Solubility	DMSO: 7.5 mg/mL (20.64 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	2.7517 mL	13.7586 mL	27.5171 mL
5 mM	0.5503 mL	2.7517 mL	5.5034 mL
10 mM	0.2752 mL	1.3759 mL	2.7517 mL
50 mM	0.055 mL	0.2752 mL	0.5503 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

Xue X, et al. Discovery of novel inhibitors disrupting HIF-1 α /von Hippel-Lindau interaction through shape-based screening and cascade docking. PeerJ. 2016 Dec 15;4:e2757.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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