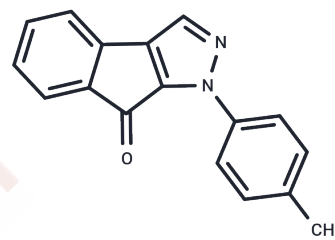


HIF-IN-1

Chemical Properties

CAS No. :	2393928-76-0
Formula:	C17H12N2O
Molecular Weight:	260.29
Storage:	Store at low temperature 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	HIF-IN-1 is a potent inhibitor of hypoxia-inducible factor (HIF-1), which is associated with tumor and cancer cell proliferation and inhibits HIF-1 α protein aggregation.
Targets(IC50)	HIF/HIF Prolyl-Hydroxylase,HIF

Solubility Information

Solubility	DMSO: 5 mg/mL (19.21 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	3.8419 mL	19.2093 mL	38.4187 mL
5 mM	0.7684 mL	3.8419 mL	7.6837 mL
10 mM	0.3842 mL	1.9209 mL	3.8419 mL
50 mM	0.0768 mL	0.3842 mL	0.7684 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

Fuse S, et al. Design, synthesis, and evaluation of indeno[2,1-c]pyrazolones for use as inhibitors against hypoxia-inducible factor (HIF)-1 transcriptional activity. *Bioorg Med Chem.* 2020 Jan 1;28(1):115207.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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