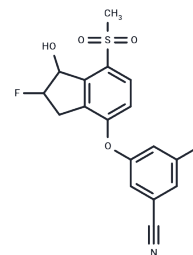


HIF-2 α -IN-2

Chemical Properties

CAS No. :	1672666-82-8
Formula:	C ₁₇ H ₁₃ F ₂ N ₂ O ₄ S
Molecular Weight:	365.35
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-2 α -IN-2 is a hypoxia-inducible factor (HIF-2 α) inhibitor with an IC ₅₀ of 16 nM in scintillation proximity assay (SPA).
Targets(IC ₅₀)	HIF/HIF Prolyl-Hydroxylase,HIF

Solubility Information

Solubility	DMSO: 100 mg/mL (273.71 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 3.3 mg/mL (9.03 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7371 mL	13.6855 mL	27.371 mL
5 mM	0.5474 mL	2.7371 mL	5.4742 mL
10 mM	0.2737 mL	1.3686 mL	2.7371 mL
50 mM	0.0547 mL	0.2737 mL	0.5474 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

Darryl David DIXON, et al. Aryl ethers and uses thereof. WO2015035223A1.

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