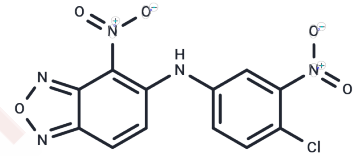


HIF-2 α -IN-3

Chemical Properties

CAS No. :	313964-19-1
Formula:	C ₁₂ H ₆ ClN ₅ O ₅
Molecular Weight:	335.66
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-3 is a HIF-2 α alteration inhibitor with anti-tumor properties and may be used in the study of cardiovascular disease.
Targets(IC50)	HIF/HIF Prolyl-Hydroxylase,HIF
In vitro	HIF-2 α -IN-3 inhibits HIF-2 α -ARNT heterodimerization by binding to the inner cavity of the HIF-2 α PAS-B structural domain [1].

Solubility Information

Solubility	DMSO: 8 mg/mL (23.83 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	2.9792 mL	14.896 mL	29.7921 mL
5 mM	0.5958 mL	2.9792 mL	5.9584 mL
10 mM	0.2979 mL	1.4896 mL	2.9792 mL
50 mM	0.0596 mL	0.2979 mL	0.5958 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

Rogers JL, et al. Development of inhibitors of the PAS-B domain of the HIF-2 α transcription factor. J Med Chem. 2013 Feb 28;56(4):1739-47.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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