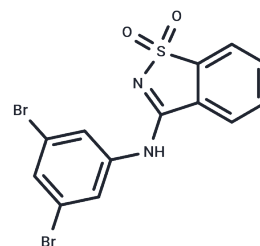


HIF-2 α agonist 2

Chemical Properties

CAS No. :	2750141-15-0
Formula:	C ₁₃ H ₈ Br ₂ N ₂ O ₂ S
Molecular Weight:	416.09
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 agonist 2 is an HIF-2 α agonist with an EC ₅₀ value of 1.68 μ M for HIF-2 α . HIF-2 α agonist 2 can promote the stability of the ARNT A/B ring in the 3z structure of HIF-2 α -ARNT complex without cytotoxicity to 786-o-Reha-Luc cells. HIF-2 α agonist 2 can be used in the study of oxygen metabolism and is closely related to the occurrence of cancer.
Targets(IC50)	HIF/HIF Prolyl-Hydroxylase,HIF
In vitro	HIF-2 α agonist 2 (0.001-100 μ M; 24 h) has an EC ₅₀ value of 1.68 μ M at a dose of 20 μ M. HIF-2 α agonist 2 (0.003-20 μ M; 24 h) is non-cytotoxic against 786-O-HRE-Luc cells and can be used for oxygen metabolism research [1].

Solubility Information

Solubility	DMSO: 2.08 mg/mL (5 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	2.4033 mL	12.0166 mL	24.0333 mL
5 mM	0.4807 mL	2.4033 mL	4.8067 mL
10 mM	0.2403 mL	1.2017 mL	2.4033 mL
50 mM	0.0481 mL	0.2403 mL	0.4807 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

Yu Y, et al. Insight into the binding mode of HIF-2 agonists through molecular dynamic simulations and biological validation. Eur J Med Chem. 2021;211:112999.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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