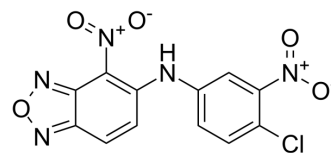


HIF-2 α -IN-3

Cat. No.:	HY-18370		
CAS No.:	313964-19-1		
Molecular Formula:	C ₁₂ H ₆ ClN ₃ O ₅		
Molecular Weight:	335.66		
Target:	HIF/HIF Prolyl-Hydroxylase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 12.5 mg/mL (37.24 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.9792 mL	14.8960 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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

HIF-2 α -IN-3, an allosteric inhibitor of hypoxia inducible factor-2 α (HIF-2 α), exhibits an IC₅₀ of 0.4 μ M and a K_D of 1.1 μ M. Anticancer agent^[1].

IC₅₀ & Target

IC₅₀: 0.4 μ M (HIF-2 α)^[1]
 KD: 1.1 μ M (HIF-2 α)^[1]

In Vitro

HIF-2 α -IN-3 (Compound 1) inhibit HIF-2 α -ARNT (also known as HIF- β) heterodimerization by binding an internal cavity of the HIF-2 α PAS-B domain^[1].
 MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA