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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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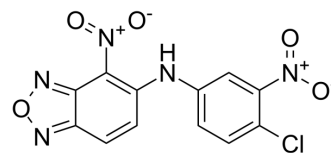
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HIF-2 α -IN-3

Cat. No.:	HY-18370
CAS No.:	313964-19-1
Molecular Formula:	C ₁₂ H ₆ ClN ₅ 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 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

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

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	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 IC ₅₀ of 0.4 μ M and a K _D of 1.1 μ M. Anticancer agent ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.4 μ M (HIF-2 α) ^[1] K _D : 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.

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