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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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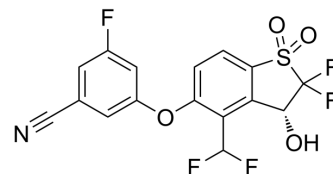
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HIF-2 α -IN-1

Cat. No.:	HY-19949
CAS No.:	1799948-06-3
Molecular Formula:	C ₁₆ H ₈ F ₅ NO ₄ S
Molecular Weight:	405.3
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 : 100 mg/mL (246.73 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	2.4673 mL	12.3365 mL	24.6731 mL
		5 mM	0.4935 mL	2.4673 mL	4.9346 mL
		10 mM	0.2467 mL	1.2337 mL	2.4673 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (6.17 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (6.17 mM); Suspended solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.17 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	HIF-2 α -IN-1 is a HIF-2 α inhibitor with an IC ₅₀ value of less than 500 nM.
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CUSTOMER VALIDATION

- Life Sci. 2019 Sep 1;232:116565.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Bruick Richard Keith, et al. HIF-2 α inhibitors for treating iron overload disorders. From PCT Int. Appl. (2016), WO 2016057242 A1 20160414.
- [2]. Dixon Darryl David, et al. Preparation of cyclic sulfone and sulfoximine analogs as HIF-2 α inhibitors. From PCT Int. Appl. (2015), WO 2015095048 A1 20150625.
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Caution: Product has not been fully validated for medical applications. For research use only.

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