



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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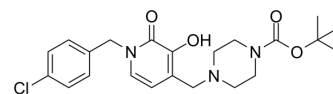
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Izilendustat

Cat. No.:	HY-44809
CAS No.:	1303512-02-8
Molecular Formula:	C ₂₂ H ₂₈ ClN ₃ O ₄
Molecular Weight:	433.93
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 : 25 mg/mL (57.61 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.3045 mL	11.5226 mL	23.0452 mL
	5 mM		0.4609 mL	2.3045 mL	4.6090 mL
	10 mM		0.2305 mL	1.1523 mL	2.3045 mL

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

BIOLOGICAL ACTIVITY

Description

Izilendustat is a potent inhibitor of prolyl hydroxylase which can stabilize hypoxia inducible factor- 1 alpha (HIF- 1α) and hypoxia inducible factor-2 (HIF-2). Izilendustat has the potential for researching diseases that relate to the body's immune response like colitis and other inflammatory bowel diseases (extracted from patent WO2011057115A1 and WO2011057121A1)^{[1][1]}.

REFERENCES

- [1]. Joseph H, et al. Prolyl hydroxylase inhibitors. Patent WO2011057115A1.
- [2]. Joseph H, et al. Compositions and methods for treating colitis. Patent WO2011057121A1.

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

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