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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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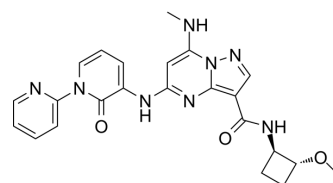
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Zasocitinib

Cat. No.:	HY-150096
CAS No.:	2272904-53-5
Molecular Formula:	C ₂₃ H ₂₄ N ₈ O ₃
Molecular Weight:	460.49
Target:	JAK
Pathway:	Epigenetics; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Stem Cell/Wnt
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 : 50 mg/mL (108.58 mM); ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.1716 mL	10.8580 mL	21.7160 mL
	5 mM		0.4343 mL	2.1716 mL	4.3432 mL
	10 mM		0.2172 mL	1.0858 mL	2.1716 mL

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

BIOLOGICAL ACTIVITY

Description	Zasocitinib (NDI-034858) is a TYK2 inhibitor, target TYK2 JH2 domain with binding constant K _d of <200 pM ^[1] .
IC ₅₀ & Target	Tyk2 JH2 domain ^[1]
In Vitro	Zasocitinib (10 μM) exhibits inhibitory effect on Tyk2 and JAK by targeting Tyk2 JH1 and JAK JH1 domain with inhibition rates <50%, respectively^[1]. Zasocitinib inhibits phosphorylation induction of heterodimer complex Tyk2 /JAK2-mediated IL-12 (1.7 ng/mL) effect, with IC₅₀ value of <0.1 μM in human peripheral blood mononuclear cell^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Masse, Craig E, et al. Pyrazolopyrimidines as TYK2 inhibitors and their preparation: World Intellectual Property Organization, WO2019023468. 2019-01-31.

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

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