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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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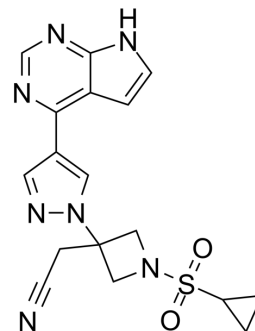
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Ilunocitinib

Cat. No.:	HY-132819
CAS No.:	1187594-14-4
Molecular Formula:	C ₁₇ H ₁₇ N ₇ O ₂ S
Molecular Weight:	383.43
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 : 250 mg/mL (652.01 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.6080 mL	13.0402 mL	26.0804 mL
		5 mM		0.5216 mL	2.6080 mL	5.2161 mL
		10 mM		0.2608 mL	1.3040 mL	2.6080 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: ≥ 2.08 mg/mL (5.42 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (5.42 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (5.42 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Ilunocitinib (compound 27) is a JAK inhibitor (extracted from patent WO2009114512A1) ^[1] .
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REFERENCES

[1]. James D. Rodgers, et al. Azetidine and cyclobutane derivatives as jak inhibitors. Patent. WO2009114512A1.

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

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