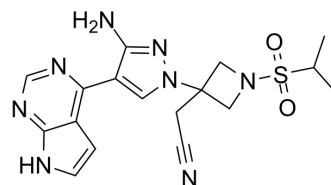


Pumecitinib

Cat. No.:	HY-148791		
CAS No.:	2401057-12-1		
Molecular Formula:	C ₁₇ H ₂₀ N ₈ O ₂ S		
Molecular Weight:	400.46		
Target:	JAK		
Pathway:	Epigenetics; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Stem Cell/Wnt		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (312.14 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		2.4971 mL	12.4856 mL	24.9713 mL
		5 mM		0.4994 mL	2.4971 mL	4.9943 mL
	10 mM		0.2497 mL	1.2486 mL	2.4971 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (5.19 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Pumecitinib is a Janus kinase (JAK) inhibitor with anti-inflammatory activity ^[1] .
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REFERENCES

[1]. WHO Drug Information-World Health Organization (WHO).

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

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