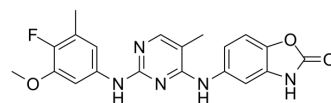


Ifidancitinib

Cat. No.:	HY-109178		
CAS No.:	1236667-40-5		
Molecular Formula:	C ₂₀ H ₁₈ FN ₅ O ₃		
Molecular Weight:	395.39		
Target:	JAK		
Pathway:	Epigenetics; JAK/STAT Signaling; 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 : 62.5 mg/mL (158.07 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5291 mL	12.6457 mL	25.2915 mL
	5 mM	0.5058 mL	2.5291 mL	5.0583 mL
	10 mM	0.2529 mL	1.2646 mL	2.5291 mL

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

BIOLOGICAL ACTIVITY

Description

Ifidancitinib (ATI-50002) is a potent and selective inhibitor of JAK kinases 1/3. Ifidancitinib can be used in studies of allergies, asthma and autoimmune diseases^[1].

REFERENCES

[1]. Li, Hui; Heckrodt, Thilo J.; Chen, Yan; Mcurtrie, Darren John; Taylor, Vanessa; Singh, Rajinder; Ding, Pingyu; Yen, Rose. Preparation of phenylaminopyrimidinylaminooxobenzooxazole derivatives for use as JAK kinase inhibitors. WO2012015972A1

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

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