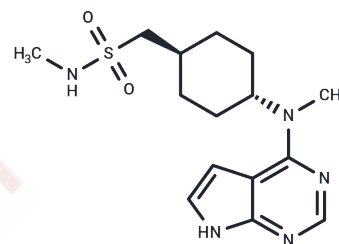


Oclacitinib

Chemical Properties

CAS No. :	1208319-26-9
Formula:	C ₁₅ H ₂₃ N ₅ O ₂ S
Molecular Weight:	337.44
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Oclacitinib (PF-03394197)(PF03394197) is a potent and selective JAKs inhibitor with IC ₅₀ of 10-99 nM; not inhibit a panel of 38 non-JAK kinases (IC ₅₀ 's > 1000 nM).
Targets(IC ₅₀)	JAK

Solubility Information

Solubility	DMSO: 55 mg/mL (162.99 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9635 mL	14.8174 mL	29.6349 mL
5 mM	0.5927 mL	2.9635 mL	5.927 mL
10 mM	0.2963 mL	1.4817 mL	2.9635 mL
50 mM	0.0593 mL	0.2963 mL	0.5927 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Gonzales AJ, et al. J Vet Pharmacol Ther. 2014 Aug;37(4):317-24.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481