

## Ifidancitinib

## Chemical Properties

CAS No. : 1236667-40-5

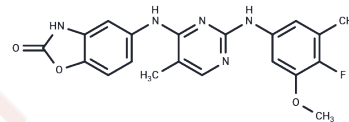
Formula: C<sub>20</sub>H<sub>18</sub>FN<sub>5</sub>O<sub>3</sub>

Molecular Weight: 395.39

Store at low temperature

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	Ifidancitinib (ATI-50002) is a specific JAK kinase 1/3 inhibitor that induces hair growth in AA-affected C3H/HeJ mice. Ifidancitinib can be used to study autoimmune diseases.
Targets(IC50)	JAK

## Solubility Information

Solubility	DMSO: 50 mg/mL (126.46 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	2.5291 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
50 mM	0.0506 mL	0.2529 mL	0.5058 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

Hui Li, et al. Compositions and methods for inhibition of the jak pathway: WO2012015972A1.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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