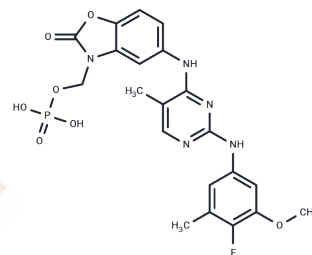


## Fosifidancitinib

## Chemical Properties

CAS No. :	1237168-58-9
Formula:	C <sub>21</sub> H <sub>21</sub> FN <sub>5</sub> O <sub>7</sub> P
Molecular Weight:	505.39
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	Fosifidancitinib is a potent inhibitor of JAK 1 and JAK 3.
Targets(IC50)	JAK

## Solubility Information

Solubility	DMSO: Insoluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9787 mL	9.8933 mL	19.7867 mL
5 mM	0.3957 mL	1.9787 mL	3.9573 mL
10 mM	0.1979 mL	0.9893 mL	1.9787 mL
50 mM	0.0396 mL	0.1979 mL	0.3957 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

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

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

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