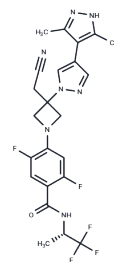


## Povorcitinib

## Chemical Properties

CAS No. :	1637677-22-5
Formula:	C <sub>23</sub> H <sub>22</sub> F <sub>5</sub> N <sub>7</sub> O
Molecular Weight:	507.469
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	Povorcitinib is a highly potent and selective JAK1 inhibitor with significant potential for the investigation of cutaneous lupus erythematosus (CLE) and Lichen planus (LP).
Targets(IC50)	Others,JAK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9706 mL	9.8528 mL	19.7056 mL
5 mM	0.3941 mL	1.9706 mL	3.9411 mL
10 mM	0.1971 mL	0.9853 mL	1.9706 mL
50 mM	0.0394 mL	0.1971 mL	0.3941 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

Paul Smith, et al. Use of jak1 inhibitors for the treatment of cutaneous lupus erythematosus and lichen planus (lp). Patent WO2021076124A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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