

## Tofacitinib Prodrug-1

## Chemical Properties

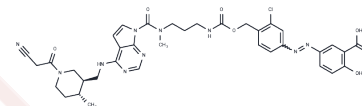
CAS No. :

Formula: C<sub>36</sub>H<sub>39</sub>ClN<sub>10</sub>O<sub>7</sub>

Molecular Weight: 759.21

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	Tofacitinib Prodrug-1 is an effective and oral active prodrug to mitigate the systemic adverse effects of Tofacitinib. Tofacitinib Prodrug-1 can effectively attenuate the oxazolone-induced colitis in mice model with low toxicity. Tofacitinib Prodrug-1 is a potential drug candidate for the treatment of ulcerative colitis .
Targets(IC50)	Apoptosis,Others,JAK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3172 mL	6.5858 mL	13.1716 mL
5 mM	0.2634 mL	1.3172 mL	2.6343 mL
10 mM	0.1317 mL	0.6586 mL	1.3172 mL
50 mM	0.0263 mL	0.1317 mL	0.2634 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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