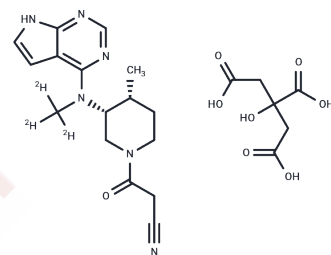


## Tofacitinib-D3 Citrate

## Chemical Properties

CAS No. : 2701680-77-3  
 Formula: C<sub>22</sub>H<sub>25</sub>D<sub>3</sub>N<sub>6</sub>O<sub>8</sub>  
 Molecular Weight: 507.51  
 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-D3 Citrate is a deuterated compound of Tofacitinib Citrate. Tofacitinib Citrate (T2398) has a CAS number of 540737-29-9. Tofacitinib citrate is a potent, cell-permeable inhibitor of JAK1/2/3 (IC <sub>50</sub> s: 1/20/112 nM).
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9704 mL	9.852 mL	19.704 mL
5 mM	0.3941 mL	1.9704 mL	3.9408 mL
10 mM	0.197 mL	0.9852 mL	1.9704 mL
50 mM	0.0394 mL	0.197 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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