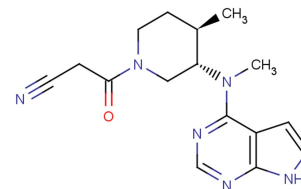


(3S,4R)-Tofacitinib

**Chemical Properties**

CAS No.: 1092578-48-7  
Formula: C<sub>16</sub>H<sub>20</sub>N<sub>6</sub>O  
Molecular Weight: 312.37  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	(3S,4R)-Tofacitinib is an less active enantiomer of Tofacitinib. Tofacitinib is a JAK3 inhibitor(IC <sub>50</sub> : 1 nM).
Targets(IC <sub>50</sub> )	Others: None

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.201 mL	16.007 mL	32.013 mL
5 mM	0.64 mL	3.201 mL	6.403 mL
10 mM	0.32 mL	1.601 mL	3.201 mL
50 mM	0.064 mL	0.32 mL	0.64 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

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