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**Product Data Sheet**

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Product Name: (3R,4S)-Tofacitinib

Cat. No.: GC34971

**Chemical Properties**

Cas. No. 1092578-46-5

SMILES CN(C1=NC=NC2=C1C=CN2)[C@@H]3[C@@H](C)CCN(C(CC#N)=O)C3Formula  $C_{16}H_{20}N_6O$  M.Wt 312.37

Solubility DMSO : 100 mg/mL (320.13 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

(3R,4S)-Tofacitinib is an enantiomer of Tofacitinib. Tofacitinib inhibits JAK3 with IC50 of 1 nM.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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