

Tofacitinib (CP-690550, Tasocitinib)

Catalog No: #S6321

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Description

Product Name	Tofacitinib (CP-690550, Tasocitinib)
Brief Description	Inhibitors
Purification	99.00%
Target Name	JAK inhibitor; ROCK inhibitor; Src inhibitor
Calculated MW	312.37
Formulation	C16H20N6O
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Cancer
 SMILES: C[C@@H]1CCN(C[C@@H]1N(C)C2=NC=NC3=C2C=CN3)C(=O)CC#N
 Pathways: Angiogenesis; Cell Cycle/Checkpoint; Chromatin/Epigenetic; Stem Cells; JAK/STAT signaling
 Receptor: JAK1; JAK2; JAK3; ROCK2; Lck
 Boiling pt: Melting
 pt: Solubility: DMSO: 62 mg/mL warmed (198.48 mM)
 Appearance: Remark: 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 month.

References

1. Changelian PS, et al, Science, 2003, 302(5646), 875-878.

Note: This product is for in vitro research use only