
Product Data Sheet

Product Name: TC JL 37
Cat. No.: GC50350

Chemical Properties

Cas. No. 1258294-34-6

SMILES F[C@@H]1C[C@@H]1C(=O)NC2=CC(=C(C=C(C#N)C=C3F)C=C3)C(=O)N2

Formula $C_{17}H_{11}ClF_2N_4O_2$ M.Wt 376.74

Solubility Soluble in DMSO 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

Potent inhibitor of tyrosine kinase 2 (TYK2, $K_i = 1.6$ nM). Shows some selectivity for TYK2 over JAK1/2/3. Inhibits IFN γ production in vivo in mice. Orally bioavailable.

Liang et al (2013) Lead optimization of a 4-aminopyridine benzamide scaffold to identify potent, selective, and orally bioavailable TYK2 inhibitors. J.Med.Chem. 56 4521
PMID:23668484

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA