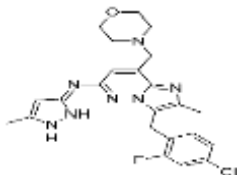


PRODUCT: LY-2784544

ALTERNATE NAMES: Gandotinib
CATALOG NUMBER: B1914-5,25
AMOUNT: 5 mg, 25 mg
STRUCTURE:



MOLECULAR FORMULA: C₂₃H₂₅ClFN₇O

MOLECULAR WEIGHT: 469.94

CAS NUMBER: 1229236-86-5

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (>50 mg/ml)

PURITY: ≥98%

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: LY2784544 is a potent, selective and ATP-competitive JAK2 inhibitor (IC₅₀ = 3 nM). effective in JAK2V617F, 8- and 20-fold selective versus JAK1 and JAK3. LY2784544 effectively inhibits JAK2V617F-driven signaling and cell proliferation in Ba/F3 cells (IC₅₀= 20 and 55 nM, respectively). In comparison, LY2784544 is much less potent at inhibiting interleukin-3-stimulated wild-type JAK2-mediated signaling and cell proliferation (IC₅₀ = 1183 and 1309 nM, respectively).

REFERENCES: Ma, L., *et al.* (2013). *Blood Cancer J.* 3(4): e109.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

AZD1480 (Cat. No. 2315-1, 5)
 Baricitinib (Cat. No. 2842-10, 50)
 Baricitinib Phosphate (Cat. No. 2841-10, 50)
 BMS-911543 (Cat. No. 2630-1,5)
 CP-690550 (Cat. No. 1622-5, 25)
 CP-690550 citrate (Cat. No. 9428-5,25)
 Cyt387 (Cat. No. 2316-1, 5)
 Decernotinib (Cat. No. B1260-5,25)
 GLPG0634 Analog (Cat. No. B1836-5,25)
 JAK Inhibitor, Pyridone 6 (Cat. No. 2534-500, 1000)
 INCB39110 (Cat. No. B1894-5,25)
 Lestaurtinib (Cat. No. 1805-500, 1000)
 LLL12 (Cat. No. 1792-5, 25)
 MS-1020 (Cat. No. 1911-1)
 Ruxolitinib, free base (Cat. No. 2139-5, 25)
 SB-1518 (Cat. No. 2450-1, 5)
 Stat1 Antibody (Cat. No. 3133R-100)
 Stat2 Antibody (Cat. No. 3468R-100)
 Phospho-Stat2 Antibody (Cat. No. 3469-1000)
 Stat3 Antibody (Cat. No. 3470R-100)
 Phospho-Stat3 Antibody (Cat. No. 3474-100)
 Stat3 Inhibitor I, S3I-201 (Cat. No. 1775-5, 25)
 Stat3 peptide Inhibitor, Cell-Permeable (Cat. No. 1778-1,5)
 Stat4 Antibody (Cat. No. 3471R-100)
 Stat5 Antibody (Cat. No. 3472-100)
 Phospho-Stat5 Antibody (Cat. No. 3475-100)
 PF-03394197 (Cat. No. 2883-5, 25)
 Stat6 Antibody (Cat. No. 3473R-100)
 Phospho-Stat6 Antibody (Cat. No. 3476-100)
 TG101348 (Cat. No. 2314-1, 5)
 Tyrphostin AG 490 (Cat. No. 1570-5)
 WHI-P131 (Cat. No. 1853-5, 25)
 WHI-P154 (Cat. No. 2659-5, 25)
 WP1066 (Cat. No. 1809-5, 25)
 XL019 (Cat. No. 2609-5, 25)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**