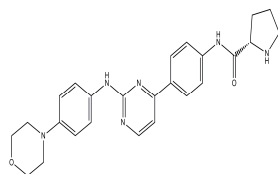


Product: XL019**ALTERNATE NAME:** (S)-N-(4-(2-((4-morpholinophenyl)amino)pyrimidin-4-yl)phenyl)pyrrolidine-2-carboxamide**CATALOG #:** 2609-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₅H₂₈N₆O₂**MOLECULAR WEIGHT:** 444.53**CAS No.** 945755-56-6**APPEARANCE:** Light yellow to light brown solid**SOLUBILITY:** DMSO (~15 mg/ml)**PURITY:** >98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** XL019 is a potent, highly selective and reversible JAK2 inhibitor (IC₅₀ = 2.2 nM). Inhibits JAK1 (IC₅₀ = 134.3 nM), JAK3 (IC₅₀ = 214.2 nM) and TYK2 (IC₅₀ = 348.3 nM) at higher concentrations. XL019 displays significant dose-dependent pharmacodynamic and antitumor effect in a mouse xenograft model.**REFERENCES:** Forsyth, T., *et al.* (2012). *Bioorg. Med. Chem. Lett.* **22**, 7653-7658.**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)
CP-690550 (Cat. No. 1622-5, 25)
Cyt387 (Cat. No. 2316-1, 5)
JAK Inhibitor, Pyridone 6 (Cat. No. 2534-500, 1000)
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)
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)
WP1066 (Cat. No. 1809-5, 25)

FOR RESEARCH USE ONLY! Not to be used in humans.