

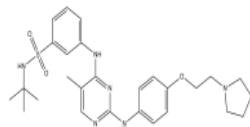
**PRODUCT: TG101348**

**ALTERNATE NAME:** N-tert-butyl-3-(5-methyl-2-(4-(2-(pyrrolidin-1-yl)ethoxy)phenylamino)pyrimidin-4-ylamino)benzenesulfonamide; SAR302503

**CATALOG #:** 2314-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>27</sub>H<sub>36</sub>N<sub>6</sub>O<sub>3</sub>S

**MOLECULAR WEIGHT:** 524.68

**CAS NUMBER:** 936091-26-8

**APPEARANCE:** White solid

**SOLUBILITY:** DMSO (~100 mg/ml) or Ethanol (~ 20 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** At -20°C. Protect from air and light

**DESCRIPTION:** A potent, and selective inhibitor of JAK2 (IC<sub>50</sub> = 3 nM). It has a 35- and 334-fold selectivity over JAK3 and JAK1, respectively.

**REFERENCES:** Lasho, T., *et al.* (2010). *Leukemia* **24**, 1378-1380; Gerlinde, W., *et al.* (2008). *Cancer Cell* **13**, 311-320.

**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. 21315-1, 5)
- CP-690550 (Cat. No. 1622-5, 25)
- Cyt387 (Cat. No. 2316-1, 5)
- 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)
- 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)
- Tyrphostin AG 490 (Cat. No. 1570-5)
- WHI-P131 (Cat. No. 1853-5, 25)
- WP1066 (Cat. No. 1809-5, 25)

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