

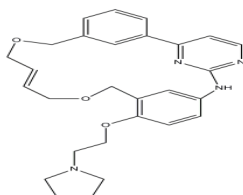
PRODUCT: SB1518 (Pacritinib)

ALTERNATE NAME: 11-(2-pyrrolidin-1-yl-ethoxy)-14,19-dioxo-5,7,26-triaza-tetracyclo[19.3.1.1(2,6).1(8,12)]heptacos-1(25),2(26),3,5,8,10,12(27),16,21,23-decaene

CATALOG #: 2450-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₈H₃₂N₄O₃

MOLECULAR WEIGHT: 472.58

CAS NUMBER: 937272-79-2

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: >98% by HPLC

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

DESCRIPTION: A potent JAK2/FLT3 inhibitor. Displays equipotent activity against JAK2 (IC₅₀ = 23 nM) and FLT3 (IC₅₀ = 22 nM). SB1518 displays potent anti-proliferative effects on myeloid and lymphoid cell lines driven by mutant or wild-type JAK2 or FLT3, resulting from cell cycle arrest and induction of apoptosis.

REFERENCE: Hart, S., *et al.* (2011). *Leukemia* **15**, 1751-1759; Hart, S., *et al.* (2011). *Blood Cancer J.* **1**, e44.

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)
- 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)
- 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.