

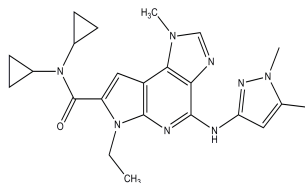
Product: BMS-911543

ALTERNATE NAME: N,N-dicyclopropyl-4-((1,5-dimethyl-1H-pyrazol-3-yl)amino)-6-ethyl-1-methyl-1,6-dihydroimidazo[4,5-d]pyrrolo[2,3-b]pyridine-7-carboxamide ; BMS911543

CATALOG #: 2630-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₃H₂₈N₆O

MOLECULAR WEIGHT: 432.52

CAS No. 1271022-90-2

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: >98% by HPLC

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

DESCRIPTION: BMS-911543 is a potent and selective JAK2 inhibitor. It displays potent anti-proliferative and pharmacodynamic effects in cell lines dependent upon JAK2 signaling, and has little activity in cell types dependent upon other pathways, such as JAK1 and JAK3. In addition, it displays anti-proliferative responses in colony growth assays using primary progenitor cells isolated from patients with JAK2(V617F)-positive myeloproliferative neoplasms (MPNs).

REFERENCES: Purandare, A.V., *et al.* (2012). *Leukemia* **26**, 280-288.

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

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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)

XL019 (Cat. No. 2609-5, 25)

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