

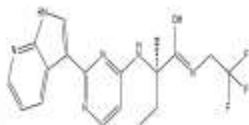
PRODUCT: Decernotinib (VX-509)

ALTERNATE NAME: (R,Z)-2-((2-(1H-pyrrolo[2,3-b]pyridin-3-yl)pyrimidin-4-yl)amino)-2-methyl-N-(2,2,2-trifluoroethyl)butanimidic acid

CATALOG #: B1260-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₁₉F₃N₆O

MOLECULAR WEIGHT: 392.38

CAS NUMBER: 944842-54-0

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (>20 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Decernotinib (VX-509) is a potent and selective JAK3 inhibitor (K_i = 2 nM). It has been shown to dose dependently reduce proinflammatory responses in a rat collagen-induced arthritis model and a mouse model of oxazolone-induced delayed-type hypersensitivity.

REFERENCES: Mahajan, S., *et al.* (2016). *J. Pharmacol. Exp. Ther.* **353**, 405-414.

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)
 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)
 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 CH USE ONLY! Not to be used in humans