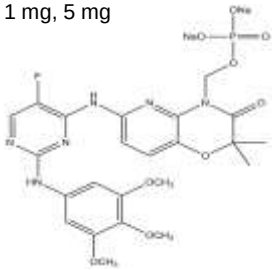
Fostamatinib Disodium

ALTERNATE NAME: (6-((5-Fluoro-2-((3,4,5-trimethoxyphenyl)amino)pyrimidin-4-yl)amino)-2,2-dimethyl-3-oxo-2H-pyrido[3,2-b][1,4]oxazin-4(3H)-yl)methyl dihydrogen phosphate, disodium

CATALOG #: 1936-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: $C_{23}H_{24}FN_6O_9PNa_2$

MOLECULAR WEIGHT: 624.42

CAS NUMBER: 1025687-58-4

APPEARANCE: Off-white solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: A potent, ATP-competitive and selective Syk (Spleen tyrosine kinase) inhibitor (IC_{50} = 41 nM). Inhibits tumor growth in the Eμ- TCL1 transgenic mouse model of CLL by blocking antigen-dependent B-cell receptor signaling.

REFERENCE: Colonna, M., *et al.* (2010). *J. Immunol.* **185,** 1532-1543; Suljagic, M., *et al.* (2010). *Blood* **116,** 4894-4905.

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

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

RELATED PRODUCTS:

- A 83-01 **(Cat. No. 1725-1)**
- ABT-869 **(Cat. No. 1615-1,5)**
- Axitinib **(Cat. No. 1581-5, 25)**
- BIBW2992 **(Cat. No. 1616-1,5)**
- BMS-599626 **(Cat. No. 1614-1,5)**
- Bosutinib **(Cat. No. 1584-5, 25)**
- Canertinib **(Cat. No. 1617-5)**
- Carbozantinib **(Cat. No. 1935-5, 25)**
- Cediranib **(Cat. No. 1613-1,5)**
- CP-690550 **(Cat. No. 1622-5,25)**
- Crizotinib **(Cat. No. 1934-5, 25)**
- Dasatinib **(Cat. No. 1586-25, 100)**
- Emodin **(Cat. No. 1875-25, 100)**
- Enzastaurin (LY317615)**(Cat. No. 1619-1,5)**
- Erlotinib, Hydrochloride Salt **(Cat. No. 1588-100,1000)**
- EZSolution™ Staurosporine **(Cat. No. 1745-01)**
- Gefitinib **(Cat. No. 1589-5,25)**
- Genistein **(Cat. No. 1533-10, 100)**
- Go 6976 **(Cat. No. 1711-500)**
- Imatinib Mesylate **(Cat. No. 1625-100, 1000)**
- Lapatinib Ditosylate **(Cat. No. 1624-25,100)**
- Nilotinib **(Cat. No. 1750-25, 100)**
- PD 153035, Hydrochloride **(Cat. No. 1656-2)**
- PD173074 **(Cat. No. 1675-1)**
- Saracatinib **(Cat. No. 1582-5, 25)**
- SB-431542 **(Cat. No. 1674-1)**
- Sorafenib **(Cat. No. 1594-5, 25)**
- Staurosporine **(Cat. No. 1048-01,1)**
- Tamoxifen Citrate **(Cat. No. 1551-1000)**
- SU 1498 **(Cat. No. 1836-1,5)**
- SU-5402 **(Cat. No. 1645-05)**
- SU 6668 **(Cat. No. 1931-5, 25)**
- SU 11274 **(Cat. No. 1938-5, 25)**
- Sunitinib Malate **(Cat. No. 1611-100, 1000)**
- Tyrphostin AG 1295 **(Cat. No. 1571-5)**
- Tyrphostin AG 490 **(Cat. No. 1570-5)**
- Vandetanib **(Cat. No. 1751-25, 100)**

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