

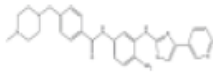
PRODUCT: Masitinib

ALTERNATE NAME: Masatinib; AB-1010

CATALOG #: 2007-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₈H₃₂N₆O₅

MOLECULAR WEIGHT: 498.64

CAS NUMBER: 790299-79-5

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (>100 mg/ml) or EtOH (4 mg/ml)

PURITY: ≥99% by HPLC

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

DESCRIPTION: Cell-permeable. A protein tyrosine kinase (PTK) inhibitor, targeting KIT that is active, orally bioavailable in vivo, and has low toxicity. Masitinib also potently inhibited recombinant PDGFR and the intracellular kinase Lyn, and to a lesser extent, fibroblast growth factor receptor 3. In contrast, masitinib demonstrated weak inhibition of ABL and c-Fms and was inactive against a variety of other tyrosine and serine/threonine kinases.

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

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)

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

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