

Masitinib (AB1010)

Catalog No: #S2609

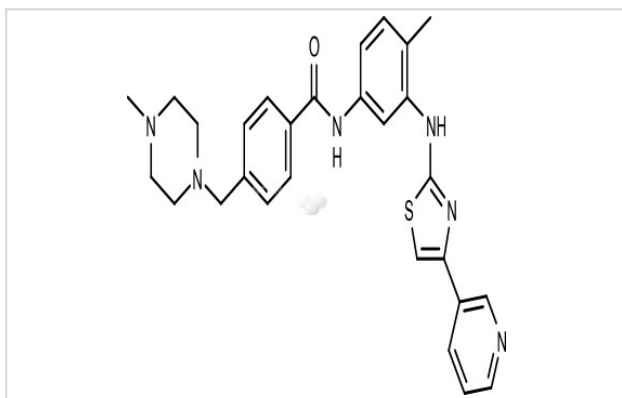
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Description

Product Name	Masitinib (AB1010)
Brief Description	Inhibitors
Purification	99.50%
Target Name	Bcr-Abl inhibitor; c-Fms inhibitor; c-Kit inhibitor; Hck inhibitor; PDGFR inhibitor; Src inhibitor
Calculated MW	498.64
Formulation	C28H30N6OS
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Cancer
 SMILES: CN1CCN(CC2=CC=C(C(=O)NC2=CC(=NC(=CS3)C3=CN=CC=C3)=C(C)C=C2)CC1
 Pathways: Angiogenesis; Tyrosine Kinase/Adaptors; Cytoskeletal Signaling
 Receptor: Abl1; c-Fms; Kit; Hck; PDGFR α ; PDGFR β ; Lyn B; Src
 Boiling pt: Melting pt: 90-95°C
 Solubility: Ethanol: 4 mg/mL (8.02 mM); DMSO: 100 mg/mL (200.54 mM)
 Appearance: Faint Yellow Powder
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Dubreuil P, et al. PLoS One, 2009, 4(9), e7258.

Note: This product is for in vitro research use only