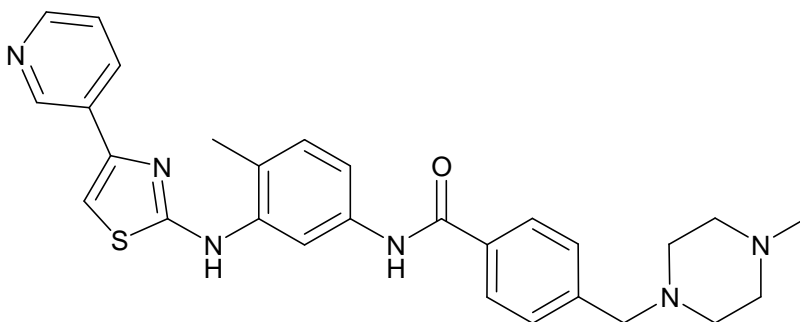


SYMANSIS™

**Product Data Sheet****Compound Name****Masatinib****Structure****CAS Number**

[790299-79-5]

**Chemical Formula:**C<sub>28</sub>H<sub>30</sub>N<sub>6</sub>OS**Molecular Weight:**

498.65

**Background information**

Mode of Action

tyrosine kinase inhibitor

Predominant Target(s)

c-KIT, PDGFR and FGFR3

Published Activity

the treatment of canine mast cell tumors (MCT).

Development stage

clinical trial

**References**

1. *Masitinib is safe and effective for the treatment of canine mast cell tumors.* Hahn KA, Ogilvie G, Rusk T, Devauchelle P, Leblanc A, Legendre A, Powers B, Leventhal PS, Kinet JP, Palmerini F, Dubreuil P, Moussy A, Hermine O. **J Vet Intern Med.** 2008 **22(6):1301-9.**
2. *Protein kinases as targets for cancer treatment.* Giamas G, Stebbing J, Vorgias CE, Knippschild U. **Pharmacogenomics.** 2007 **8(8):1005-16**