

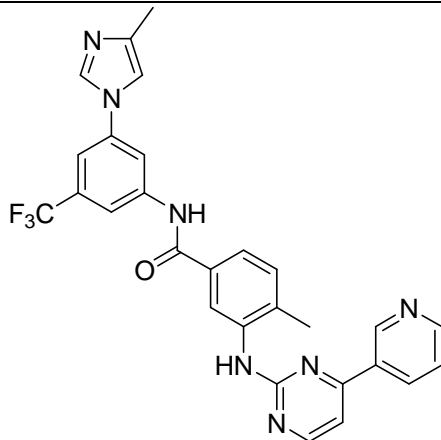
SYMANSIS™

Product Data Sheet

Compound Name

Nilotinib

Structure



CAS Number

[641571-10-0]

Chemical Formula:

C<sub>28</sub>H<sub>22</sub>F<sub>3</sub>N<sub>7</sub>O

Molecular Weight:

529.52

Background information

|                       |   |
|-----------------------|---|
| Mode of Action        | Tyrosine kinase inhibitor                         |
| Predominant Target(s) | BCR-ABL, Kit and PDGFR                            |
| Published Activity    | For the treatment of chronic myelogenous leukemia |
| Development stage     | Phase II Clinical Trials                          |

References

1. *Nilotinib: a new tyrosine kinase inhibitor for the treatment of chronic myelogenous leukemia.* Jarkowski A, Sweeney RP. **Pharmacotherapy.** 28(11), 1374-1382 (2008).
2. *Nilotinib: a phenylamino-pyrimidine derivative with activity against BCR-ABL, KIT and PDGFR kinases.* Quintás-Cardama A, Cortes J. **Future Oncol.** 4(5), 611-621 (2008).