

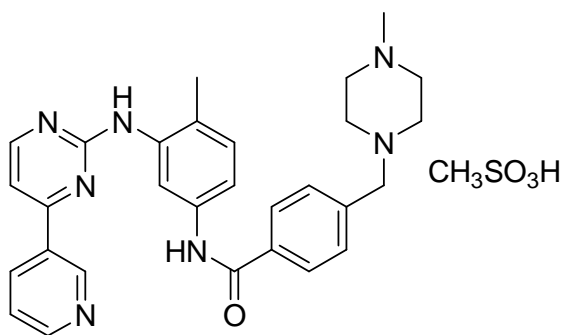
SYMANSIS™

Product Data Sheet

Compound Name

Imatinib mesylate

Structure



CAS Number

[220127-57-1]

Chemical Formula:

C₃₀H₃₅N₇O₄S

Molecular Weight:

589.71

Background information

Mode of Action

Tyrosine kinase inhibitor

Predominant Target(s)

BCR-ABL

Published Activity

For the treatment of chronic myelogenous leukemia (CML), gastrointestinal stromal tumors (GISTs) and a number of other malignancies.

Development stage

Approved by FDA

References

Prospective monitoring of BCR-ABL1 transcript levels in patients with Philadelphia chromosome-positive acute lymphoblastic leukaemia undergoing imatinib-combined chemotherapy. Yanada M, Sugiura I, Takeuchi J, Akiyama H, Maruta A, Ueda Y, Usui N, Yagasaki F, Yujiri T, Takeuchi M, Nishii K, Kimura Y, Miyawaki S, Narimatsu H, Miyazaki Y, Ohtake S, Jinnai I, Matsuo K, Naoe T, Ohno R; Japan Adult Leukemia Study Group. **Br. J. Haematol.** **143(4)**, 503-510 (2008).