

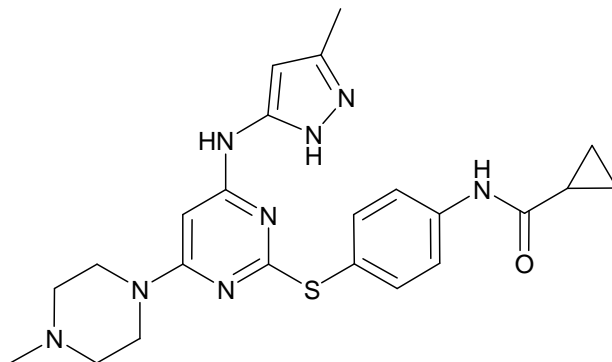
SYMANSIS™

Product Data Sheet

Compound Name

VX-680

Structure



CAS Number

[639089-54-6]

Chemical Formula:

C₂₃H₂₈N₈OS

Molecular Weight:

464.59

Background information

Mode of Action

Kinase inhibitor

Predominant Target(s)

Aurora

Published Activity

For the treatment of primary acute myelogenous leukemia (AML) and chronic myelogenous leukemia (CML),

Development stage

Phase II clinical trials

References

1. *Cotreatment with vorinostat enhances activity of MK-0457 (VX-680) against acute and chronic myelogenous leukemia cells.* Fiskus W, Wang Y, Joshi R, Rao R, Yang Y, Chen J, Kolhe R, Balusu R, Eaton K, Lee P, Ustun C, Jillella A, Buser CA, Peiper S, Bhalla K. **Clin. Cancer Res.** **14(19)**, 6106-6115 (2008).
2. *Aurora a is essential for early embryonic development and tumor suppression.* Lu LY, Wood JL, Ye L, Minter-Dykhouse K, Saunders TL, Yu X, Chen J. **J. Biol. Chem.** **283(46)**, 31785-31790 (2008).