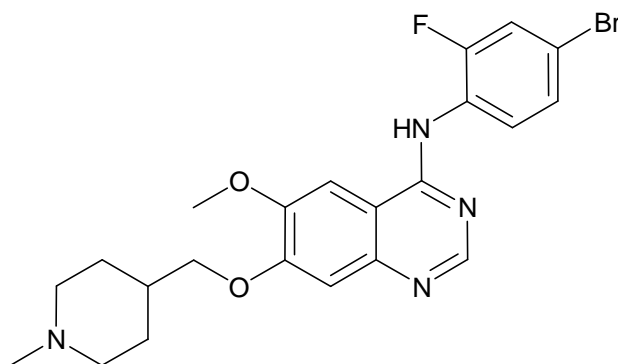


SYMANSIS™

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

[443913-73-3]

Chemical Formula:C₂₂H₂₄BrFN₄O₂**Molecular Weight:**

475.35

Background information

Mode of Action

Tyrosine kinase inhibitor

Predominant Target(s)

VEGFR, EGFR

Published Activity

For the treatment of non-small-cell lung cancer

Development stage

Clinical Trials

References

1. *Vandetanib (ZD6474): an orally available receptor tyrosine kinase inhibitor that selectively targets pathways critical for tumor growth and angiogenesis.* Herbst RS, Heymach JV, O'Reilly MS, Onn A, Ryan AJ. **Expert Opin Investig Drugs. 16(2):239-49, 2007**
2. *ZD6474 inhibits vascular endothelial growth factor signaling, angiogenesis, and tumor growth following oral administration.* Wedge SR, Ogilvie DJ, Dukes M, Kendrew J, Chester R, Jackson JA, Boffey SJ, Valentine PJ, Curwen JO, Musgrove HL, Graham GA, Hughes GD, Thomas AP, Stokes ES, Curry B, Richmond GH, Wadsworth PF, Bigley AL, Hennequin LF. **Cancer Res. 62(16): 4645-55, 2002**