

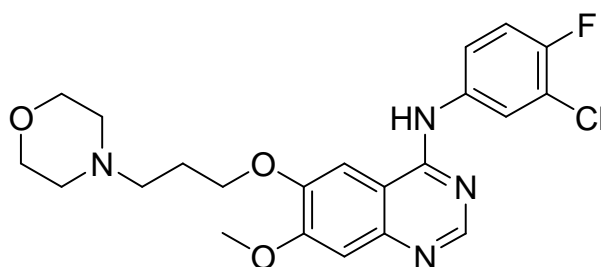
SYMANSIS™

Product Data
Sheet

Compound Name

Gefitinib

Structure



CAS Number

[184475-35-2]

Chemical
Formula: $C_{22}H_{24}ClFN_4O_3$ Molecular
Weight:

446.9

Background information

Mode of Action

Tyrosine kinase inhibitor

Predominant Target(s)

EGFR

Published Activity

For the treatment of locally advanced or metastatic non-small cell lung cancer (NSCLC)

Development stage

Phase II Clinical Trials

References

An epidermal growth factor inhibitor, Gefitinib, induces apoptosis through a p53-dependent upregulation of pro-apoptotic molecules and downregulation of anti-apoptotic molecules in human lung adenocarcinoma A549 cells. Chang GC, Yu CT, Tsai CH, Tsai JR, Chen JC, Wu CC, Wu WJ, Hsu SL. **Eur. J. Pharmacol.** 2008 [Epub ahead of print]