

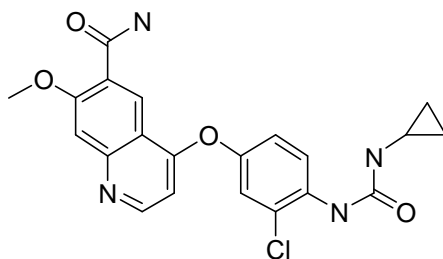
SYMANSIS™

Product Data Sheet

Compound Name

E7080

Structure



CAS Number

[417716-92-8]

Chemical Formula:

 $C_{21}H_{19}ClN_4O_4$ Molecular Weight:
426.85

Background information

Mode of Action

Tyrosine kinase inhibitor

Predominant Target(s)

VEGF, FGF and SCF

Published Activity

has potent antitumor activities against stem cell factor producing human small cell lung cancer H146

Development stage

Research

References

1. *E7080, a novel inhibitor that targets multiple kinases, has potent antitumor activities against stem cell factor producing human small cell lung cancer H146, based on angiogenesis inhibition.* J. Matsui, Y. Yamamoto, Y. Funahashi, A. Tsuruoka, T. Watanabe, T. Wakabayashi, T. Uenaka, M. Asada. **Int. J. Cancer. 122(3), 664-671 (2008)**
2. *Multi-Kinase Inhibitor E7080 Suppresses Lymph Node and Lung Metastases of Human Mammary Breast Tumor MDA-MB-231 via Inhibition of Vascular Endothelial Growth Factor-Receptor (VEGF-R)2 and VEGF-R3 Kinase.* J. Matsui, Y. Funahashi, T. Uenaka, T. Watanabe, A. Tsuruoka and M. Asada **Clinical Cancer Research 14, 5459 (2008)**