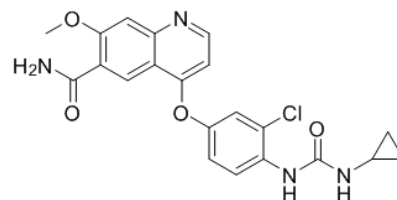


Product Name : Lenvatinib
Cat. No. : PC-42762
CAS No. : 417716-92-8
Molecular Formula : C₂₁H₁₉ClN₄O₄
Molecular Weight : 426.853
Target : VEGFR
Solubility : 10 mM in DMSO



Biological Activity

Lenvatinib (E7080) is a multitargeted kinase inhibitor with IC₅₀s of 4/5.2/22/46 nM for **VEGFR2/VEGFR3/VEGFR1/FGFR1** in cell free assays.

Lenvatinib (E7080) also inhibits PDGFR, Kit with IC₅₀ < 100 nM.

Lenvatinib (E7080) suppresses the phosphorylation of VEGF receptor-2 and FGF receptor 1 and inhibits proliferation of endothelial cell in vitro; orally active.

References

Matsui J, et al. *Int J Cancer*. 2008 Feb 1;122(3):664-71.

Matsui J, et al. *Clin Cancer Res*. 2008 Sep 1;14(17):5459-65.

Ikuta K, et al. *Clin Cancer Res*. 2009 Dec 1;15(23):7229-37.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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