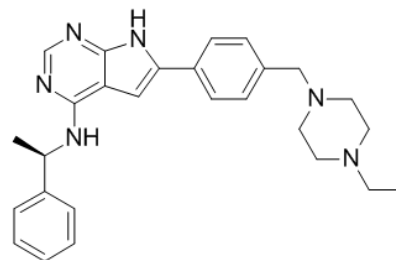


Product Name : AEE-788
Cat. No. : PC-42158
CAS No. : 497839-62-0
Molecular Formula : C₂₇H₃₂N₆
Molecular Weight : 440.5832
Target : EGFR
Solubility : DMSO: 10 mM



Biological Activity

AEE-788 (AEE788) is a potent, orally bioavailable dual **EGFR/VEGFR** receptor tyrosine kinase inhibitor with IC₅₀ of 2, 6, 77 and 59 nM for EGFR, ErbB2, KDR and Flt-1, respectively.

AEE-788 (AEE788) inhibits growth factor-induced EGFR and ErbB2 phosphorylation in cells with IC₅₀ of 11 and 220 nM, respectively.

AEE-788 (AEE788) demonstrates antiproliferative activity against a range of EGFR and ErbB2-overexpressing cell lines.

AEE-788 (AEE788) shows antitumor and antiangiogenic activity in vivo.

References

Traxler P, et al. *Cancer Res.* 2004 Jul 15;64(14):4931-41.

Goudar RK, et al. *Mol Cancer Ther.* 2005 Jan;4(1):101-12.

Park YW, et al. *Clin Cancer Res.* 2005 Mar 1;11(5):1963-73.

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

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