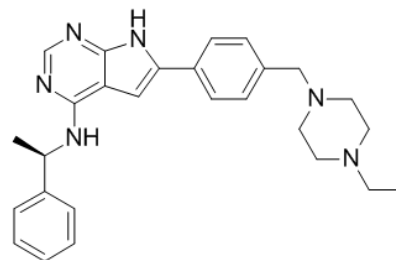


**Product Name** : NVP-AEE788  
**Cat. No.** : PC-42158  
**CAS No.** : 497839-62-0  
**Molecular Formula** : C<sub>27</sub>H<sub>32</sub>N<sub>6</sub>  
**Molecular Weight** : 440.5832  
**Target** : EGFR  
**Solubility** : DMSO: 10 mM



### Biological Activity

NVP-AEE788 (AEE788) is a potent, orally bioavailable dual **EGFR/VEGFR** receptor tyrosine kinase inhibitor with IC<sub>50</sub> of 2, 6, 77 and 59 nM for EGFR, ErbB2, KDR and Flt-1, respectively.

NVP-AEE788 (AEE788) inhibits growth factor-induced EGFR and ErbB2 phosphorylation in cells with IC<sub>50</sub> of 11 and 220 nM, respectively.

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

NVP-AEE788 (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!**

E-mail: tech@probechem.com