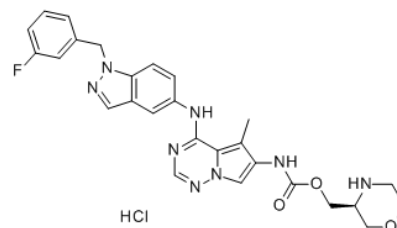


**Product Name** : BMS-599626 hydrochloride  
**Cat. No.** : PC-42825  
**CAS No.** : 873837-23-1  
**Molecular Formula** : C<sub>27</sub>H<sub>28</sub>ClFN<sub>8</sub>O<sub>3</sub>  
**Molecular Weight** : 567.0144  
**Target** : EGFR  
**Solubility** : 10 mM in DMSO



## Biological Activity

BMS-599626 (AC-480) is a potent, selective inhibitor of EGFR and HER2 with IC<sub>50</sub> of 20 nM and 30 nM; displays 8-fold less potency to HER4, >100-fold to VEGFR2, c-Kit, Lck, MET etc; inhibits the proliferation of tumor cells expressing high levels of HER1 and/or HER2; shows potent antitumor activity in a human breast tumor KPL-4 xenograft; orally efficacious.

Breast Cancer

Phase 1 Discontinued

## References

Gavai AV, et al. J Med Chem. 2009 Nov 12;52(21):6527-30.

Wong TW, et al. Clin Cancer Res. 2006 Oct 15;12(20 Pt 1):6186-93.

Haluska P, et al. Mol Cancer Ther. 2008 Sep;7(9):2589-98.

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

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