

Product Name	: BMS-599626
Synonyms	: BMS599626;AC480;BMS 599626;AC-480;AC 480
Cat No.	: M15733
CAS Number	: 714971-09-2
Molecular Formula	: C ₂₇ H ₂₇ N ₈ O ₃
Formula Weight	: 530.55
Chemical Name	: (S)-morpholin-3-ylmethyl 4-((1-(3-fluorobenzyl)-1H-indazol-5-yl)amino)-5-methylpyrrolo[2,1-f][1,2,4]triazin-6-yl)carbamate
Description	: A potent, selective inhibitor of EGFR and HER2 with IC ₅₀ 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
Pathway	: Angiogenesis
Target	: EGFR
Receptor	: HER1;HER2;HER4;Lck;MEK
Solubility	: 10 mM in DMSO
SMILES	: <chem>O=C(OC[C@H]1NCCOC1)NC2=CN3N=CN=C(NC4=CC5=C(N(CC6=CC=CC(F)=C6)N=C5)C=C4)C3=C2C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Gavai AV, et al. J Med Chem. 2009 Nov 12;52(21):6527-30. | 2. Wong TW, et al. Clin Cancer Res. 2006 Oct 15;12(20 Pt 1):6186-93. | 3. Haluska P, et al. Mol Cancer Ther. 2008 Sep;7(9):2589-98.