

BMS-599626

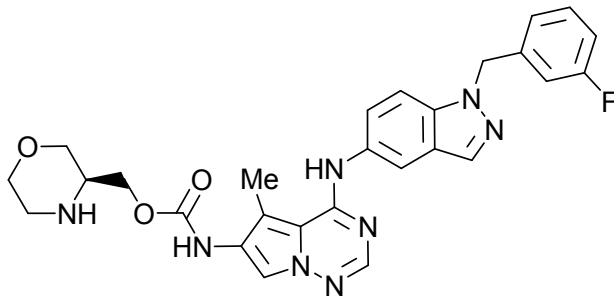
SYN-1142

(S)-morpholin-3-ylmethyl-4-(1-(3-fluorobenzyl)-1H-indazol-5-ylamino)-5-methylpyrrolo[1,2-f][1,2,4]triazin-6-ylcarbamate

CAS Registry No.: 714971-09-2

Smiles String:

Cc1c(cnc2c1c(ncn2)Nc3ccc4c(c3)cnn4Cc5ccc(c5)F)NC(=O)OC[C@@H]6COCCN6



Molecular Weight: 530.55

Molecular Formula: C₂₇H₂₇N₈O₃

Lot Number: Refer to vial

¹H-NMR: Available on request

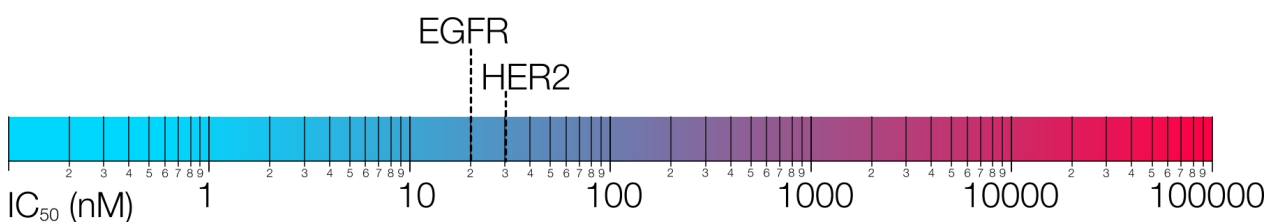
HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request

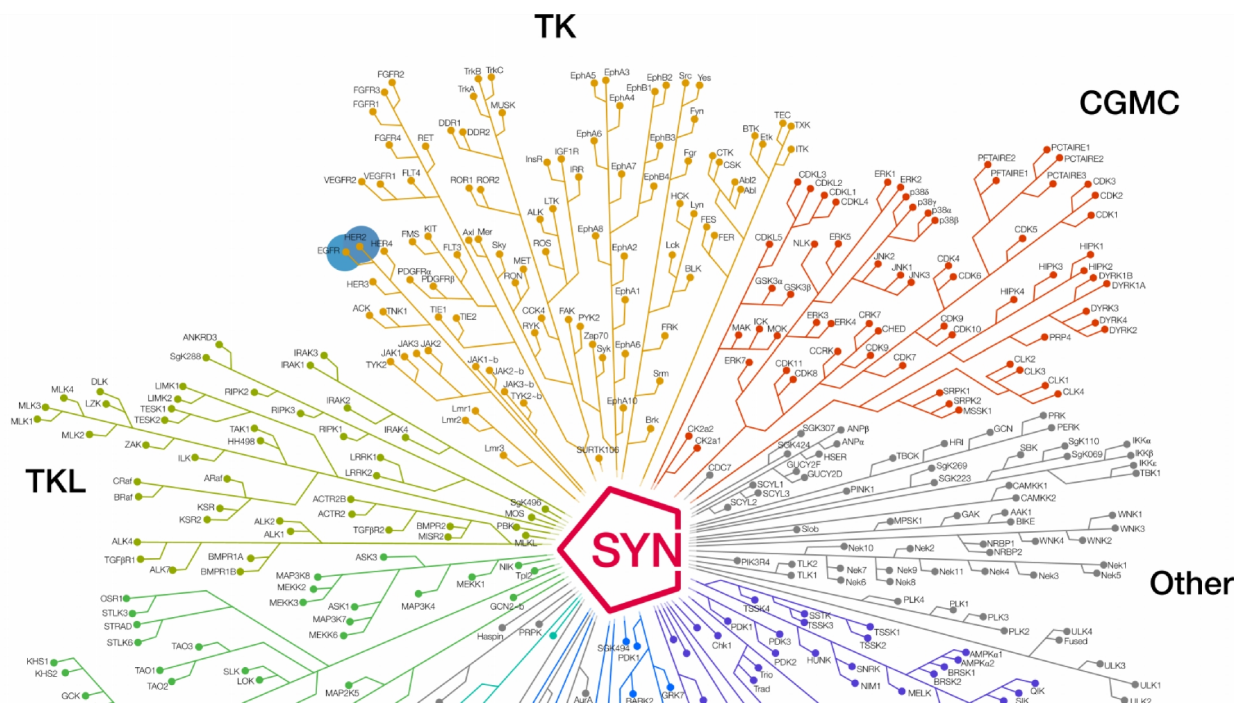
Description:

BMS-599626 is an orally bioavailable, highly selective and potent pan-HER kinase inhibitor. It inhibits HER1 and HER2 with IC₅₀ values of 20 and 30 nM, respectively.

Biological Activity



Kinome Mapping



Shipping and Storage Temperature

Shipping:
Ambient

Storage:
2 years -20C, Powder 1 month, -4C in DMSO, More than one month -80C in DMSO

Solubility

DMSO 113mg/mL, Ethanol 20mg/mL

Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.5306	5.3060	10.6120	26.5300

References

1. Wong TW, Lee FY, Yu C, Luo FR, Oppenheimer S, Zhang H, Smykla RA, Mastalerz H, Fink BE, Hunt JT, Gavai AV, Vite GD. Preclinical antitumor activity of BMS-599626, a pan-HER kinase inhibitor that inhibits HER1/HER2 homodimer and heterodimer signaling. Clin Cancer Res. 2006 Oct 15;12(20 Pt 1):6186-93.

Ordering Information

To order more of this or any other SYNkinase compound, go to synkinase.com, Call us Toll Free (US Only) at 1- 877-854-6273 or email orders@synkinase.com.

Product Datasheet (Rev. 1.1)