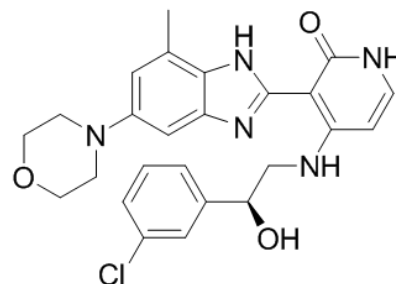


Product Name : BMS-536924
Cat. No. : PC-42501
CAS No. : 468740-43-4
Molecular Formula : C₂₅H₂₆ClN₅O₃
Molecular Weight : 479.9586
Target : Insulin Receptor
Solubility : 10 mM in DMSO



Biological Activity

A potent IGF-1R/InsR inhibitor with IC₅₀ of 100 nM/73 nM; weak inhibitor of CYP3A4 (IC₅₀=0.5 μM) and potent transactivator of PXR; increases expression and activation of various members of the HER family of receptors in ovarian cancer cell lines; causes blockade of proliferation, and results in the formation of hollow polarized lumen in MCF7 cells.

References

- Wittman M, et al. J Med Chem. 2005 Sep 8;48(18):5639-43.
Haluska P, et al. Mol Cancer Ther. 2008 Sep;7(9):2589-98.
Litzenburger BC, et al. Clin Cancer Res. 2009 Jan 1;15(1):226-37.

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

E-mail: tech@probechem.com