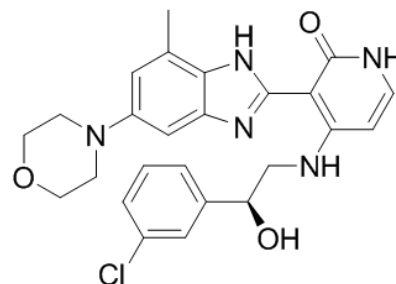


**Product Name** : BMS-536924  
**Cat. No.** : PC-42501  
**CAS No.** : 468740-43-4  
**Molecular Formula** : C<sub>25</sub>H<sub>26</sub>ClN<sub>5</sub>O<sub>3</sub>  
**Molecular Weight** : 479.9586  
**Target** : Insulin Receptor  
**Solubility** : 10 mM in DMSO



### Biological Activity

BMS-536924 is a potent **IGF-1R/InsR** inhibitor with IC<sub>50</sub> of 100 nM/73 nM, respectively.

BMS-536924 is a weak inhibitor of CYP3A4 (IC<sub>50</sub>=0.5 μM) and potent transactivator of PXR.

BMS-536924 increases expression and activation of various members of the HER family of receptors in ovarian cancer cell lines.

BMS-536924 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