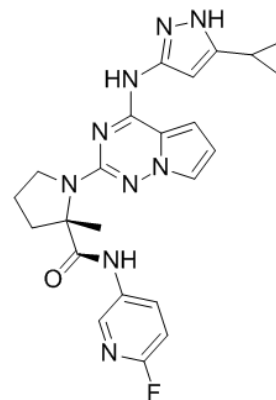


**Product Name** : BMS-754807  
**Cat. No.** : PC-42444  
**CAS No.** : 1001350-96-4  
**Molecular Formula** : C<sub>23</sub>H<sub>24</sub>FN<sub>9</sub>O  
**Molecular Weight** : 461.4948  
**Target** : IGF-1R  
**Solubility** : 10 mM in DMSO  
4. Huang F, et al. Cancer Res. 2010 Sep 15;70(18):7221-31.



## Biological Activity

A potent, reversible, orally active inhibitor of IGF-1R/Insulin receptor with IC<sub>50</sub> of 1.8 and 1.7 nM, respectively; shows additional off-target activities Met, RON, TrkA, TrkB, AurA, and AurB (IC<sub>50</sub>=5-45 nM) in a panel of 27 kinases; inhibits the growth of a broad range of human tumor types in vitro (IC<sub>50</sub>=5-365 nM), induces PARP and Caspase 3 cleavage, promotes apoptosis; exhibits tumor growth inhibition in xenograft tumor models.

Breast Cancer

Phase 2 Discontinued

## References

Wittman MD, et al. Mol Cancer Ther. 2009 Dec;8(12):3341-9.

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Dinchuk JE, et al. Endocrinology. 2010 Sep;151(9):4123-32.

