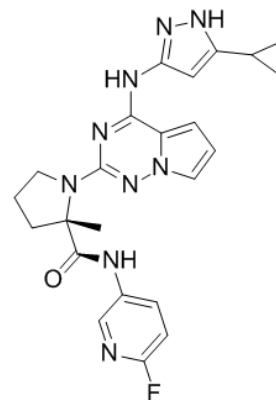


**Product Name** : BMS-754807  
**Cat. No.** : PC-42444  
**CAS No.** : 1001350-96-4  
**Molecular Formula** : C<sub>23</sub>H<sub>24</sub>FN<sub>9</sub>O  
**Molecular Weight** : 461.4948  
**Target** : IGF-1R  
**Solubility** : 10 mM in DMSO



### Biological Activity

BMS-754807 (BMS754807) is a potent, reversible, orally active inhibitor of **IGF-1R/Insulin receptor** with IC<sub>50</sub> of 1.8 and 1.7 nM, respectively.

BMS-754807 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.

BMS-754807 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.

BMS-754807 exhibits tumor growth inhibition in xenograft tumor models.

### References

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Carboni JM, et al. *Mol Cancer Ther.* 2009 Dec;8(12):3341-9.

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

Huang F, et al. *Cancer Res.* 2010 Sep 15;70(18):7221-31.

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

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