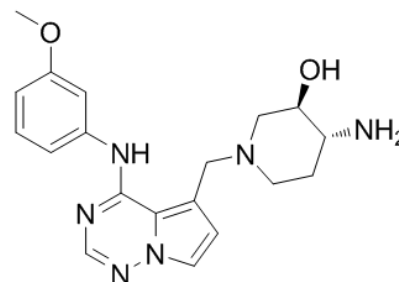


**Product Name** : BMS-690514  
**Cat. No.** : PC-42532  
**CAS No.** : 859853-30-8  
**Molecular Formula** : C<sub>19</sub>H<sub>24</sub>N<sub>6</sub>O<sub>2</sub>  
**Molecular Weight** : 368.4329  
**Target** : EGFR  
**Solubility** : 10 mM in DMSO



## Biological Activity

BMS-690514 is a potent pan **EGFR/VEGFR** inhibitor with IC<sub>50</sub> of 5/20/60/50 nM for EGFR/HER2/ERBB4/VEGFR2 respectively.

BMS-690514 exerts antiproliferative and proapoptotic effects on NSCLC cell lines, with prominent efficacy on H1975 cells expressing the T790M mutation; induces G1 cell cycle arrest.

## References

de La Motte Rouge T, et al. Cancer Res. 2007 Jul 1;67(13):6253-62.

Wong TW, et al. Clin Cancer Res. 2011 Jun 15;17(12):4031-41.

Loriot Y, et al. Br J Cancer. 2010 Jul 27;103(3):347-53.

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

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