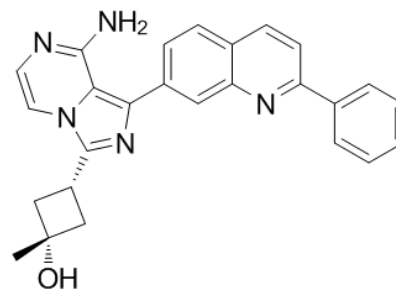


**Product Name** : Linsitinib  
**Cat. No.** : PC-42436  
**CAS No.** : 867160-71-2  
**Molecular Formula** : C<sub>26</sub>H<sub>23</sub>N<sub>5</sub>O  
**Molecular Weight** : 421.4937  
**Target** : IGF-1R  
**Solubility** : 10 mM in DMSO



## Biological Activity

Linsitinib (ASP7487, OSI-906) is a potent, selective, orally active, dual **IGF-1R/insulin receptor** inhibitor with IC<sub>50</sub> of 35/75 nM, respectively.

Linsitinib (ASP7487, OSI-906) potently and selectively inhibits autophosphorylation of both human IGF-1R and IR, displays in vitro antiproliferative effects in a variety of tumor cell lines.

Linsitinib (ASP7487, OSI-906) shows robust in vivo anti-tumor efficacy in an IGF-1R-driven xenograft model.

## References

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Pitts TM, et al. *Clin Cancer Res.* 2010 Jun 15;16(12):3193-204.

Buck E, et al. *Mol Cancer Ther.* 2010 Oct;9(10):2652-64.

Kuhn DJ, et al. *Blood.* 2012 Oct 18;120(16):3260-70.

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

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