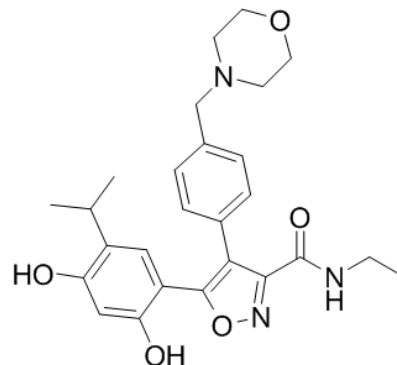


**Product Name** : NVP-AUY922  
**Cat. No.** : PC-42461  
**CAS No.** : 747412-49-3  
**Molecular Formula** : C<sub>26</sub>H<sub>31</sub>N<sub>3</sub>O<sub>5</sub>  
**Molecular Weight** : 465.5414  
**Target** : Heat Shock Protein (HSP)  
**Solubility** : DMSO: ≥ 62 mg/mL



## Biological Activity

NVP-AUY922 (Luminespib, AUY922) is a potent and selective **HSP90** inhibitor with IC<sub>50</sub> of 21 and 7.8 nM for HSP90β and HSP90α, respectively.

NVP-AUY922 weakly inhibits HSP90 family members GRP94 and TRAP-1 (K<sub>i</sub>=108 and 53 nM), shows no inhibition of HSP72 ATPase and little or no activity against a range of 13 kinases.

NVP-AUY922 inhibits proliferation of human tumor cells (GI<sub>50</sub>=2-40 nM), induces G(1)-G(2) arrest and apoptosis.

NVP-AUY922 exhibits in vivo activity against xenograft tumor growth, angiogenesis and metastasis.

## References

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Eccles SA, et al. *Cancer Res.* 2008 Apr 15;68(8):2850-60.

Jensen MR, et al. *Breast Cancer Res.* 2008;10(2):R33.

Stühmer T, et al. *Leukemia.* 2008 Aug;22(8):1604-12.

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

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