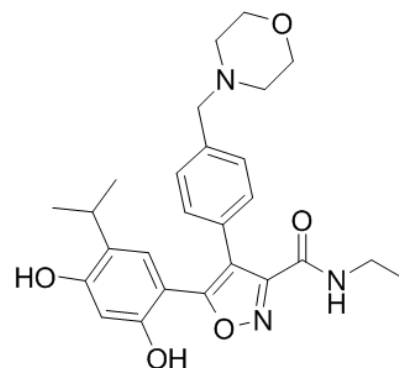


Product Name : NVP-AUY922
Cat. No. : PC-42461
CAS No. : 747412-49-3
Molecular Formula : C₂₆H₃₁N₃O₅
Molecular Weight : 465.5414
Target : Heat Shock Protein (HSP)
Solubility : DMSO: ≥ 62 mg/mL



Biological Activity

NVP-AUY922 (Luminespib, AUY922) is a potent and selective **HSP90** inhibitor with IC₅₀ of 21 and 7.8 nM for HSP90β and HSP90α, respectively.

NVP-AUY922 weakly inhibits HSP90 family members GRP94 and TRAP-1 (K_i=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 (GI₅₀=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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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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