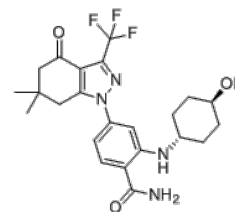


Product Name : SNX-2112
Cat. No. : PC-62491
CAS No. : 908112-43-6
Molecular Formula : C₂₃H₂₇F₃N₄O₃
Molecular Weight : 464.489
Target : Heat Shock Protein (HSP)
Solubility : 10 mM in DMSO



Biological Activity

SNX-2112 (PF-04928473) is a potent, selective **Hsp90** inhibitor with binding IC₅₀ of 30 nM for both HSP90α and HSP90β. SNX-2112 shows weak affinity for Hsp90 family members Grp94 and Trap-1 (IC₅₀=0.8-4.2 μM). SNX-2112 has properties and potency, including degradation of HER2, mutant EGFR, and other client proteins, inhibition of ERK and Akt activation, and induction of a Rb-dependent G1 arrest with subsequent apoptosis. SNX-2112 is the orally bioavailable prodrug SNX-5422, inhibits MM cell growth and prolongs survival in a xenograft murine model.

References

- Okawa Y, et al. *Blood*. 2009 Jan 22;113(4):846-55.
Chandarlapaty S, et al. *Clin Cancer Res*. 2008 Jan 1;14(1):240-8.
Bachleitner-Hofmann T, et al. *Clin Cancer Res*. 2011 Jan 1;17(1):122-33.

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

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