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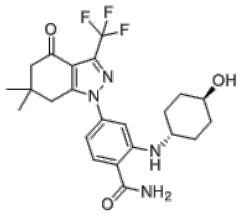
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	SNX-2112
Cat. No.	:	PC-62491
CAS No.	:	908112-43-6
Molecular Formula	:	$C_{23}H_{27}F_3N_4O_3$
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 uM).
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 bioavailbe 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.

E-mail: tech@probechem.com