

Product Name : 17-AAG hydrochloride

Synonyms : Tanespimycin Hydrochloride; NSC 330507 Hydrochloride; CP 127374 Hydrochloride

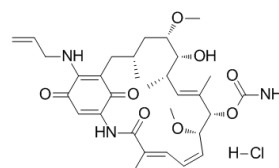
Cat No. : M16543

CAS Number : 911710-03-7

Molecular Formula : C₃₁H₄₄ClN₃O₈

Formula Weight : 622.15

Chemical Name : Geldanamycin, 17-demethoxy-17-(2-propenylamino)-, monohydrochloride (9Cl)



Description : A potent Hsp90 inhibitor with IC₅₀ of 5 nM in cell-free assays; induces cytosolic accumulation of cytochrome c and cleavage and activities of caspase-9 and caspase-3, triggering apoptosis of HL-60/Bcr-Abl and K562 cells; causes the degradation of HER2, HER3, Akt, and both mutant and wild-type androgen receptor; inhibits prostate cancer xenografts growth in mice. Skin Cancer Phase 2 Discontinued

Pathway : Cytoskeleton/Cell Adhesion Molecules

Target : HSP

Receptor : HSP

Solubility : 10 mM in DMSO

SMILES : CC1CC(C(C(C=C(C(C(=O)NC2=CC(=O)C(=C(C1)C2=O)NCC=C)C)OC)OC(=O)N)C)O)OC.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Kamal A, et al. Nature. 2003 Sep 25;425(6956):407-10. | 2. Solit DB, et al. Clin Cancer Res. 2002 May;8(5):986-93. | 3. Nimmanapalli R, et al. Cancer Res. 2001 Mar 1;61(5):1799-804.