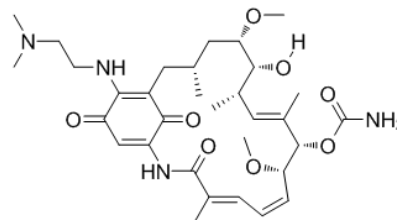


**Product Name** : Alvespimycin hydrochloride  
**Cat. No.** : PC-42839  
**CAS No.** : 467214-21-7  
**Molecular Formula** : C<sub>32</sub>H<sub>49</sub>ClN<sub>4</sub>O<sub>8</sub>  
**Molecular Weight** : 653.2065  
**Target** : Heat Shock Protein (HSP)  
**Solubility** : DMSO: ≥ 50 mg/mL  
4. Ge J, et al. J Med Chem. 2006 Jul 27;49(15):4606-15.



HCl

## Biological Activity

A potent, orally bioavailable Hsp90 inhibitor with binding EC<sub>50</sub> of 62 nM; also show comparable binding affinity for Grp94 with EC<sub>50</sub> of 65 nM; inhibits the migration and the extracellular matrix-invasiveness of HUVEC in vitro, also inhibits FGF-2 and VEGF-induced HUVEC proliferation and induces apoptosis.

Blood Cancer

Phase 1 Discontinued

## References

Jez JM, et al. Jez JM,

Bull EE, et al. Clin Cancer Res. 2004 Dec 1;10(23):8077-84.

Kaur G, et al. Clin Cancer Res. 2004 Jul 15;10(14):4813-21.

