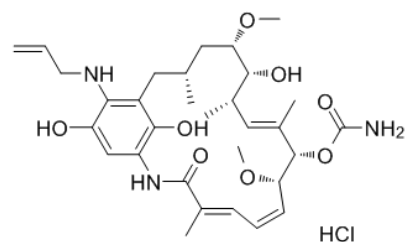


**Product Name** : Retaspimycin hydrochloride  
**Cat. No.** : PC-42456  
**CAS No.** : 857402-63-2  
**Molecular Formula** : C<sub>31</sub>H<sub>46</sub>ClN<sub>3</sub>O<sub>8</sub>  
**Molecular Weight** : 624.1652  
**Target** : Heat Shock Protein (HSP)  
**Solubility** : DMSO: ≥ 56 mg/mL



## Biological Activity

Retaspimycin hydrochloride (IPI-504) is a water-soluble derivative of 17-AAG and **HSP90** inhibitor. Retaspimycin hydrochloride (IPI-504) induces KIT degradation, tumor shrinkage, and cell proliferation arrest in xenograft models of gastrointestinal stromal tumors.

## References

- Floris G, et al. *Mol Cancer Ther.* 2011 Oct;10(10):1897-908.  
Hanson BE, et al. *Expert Opin Investig Drugs.* 2009 Sep;18(9):1375-83.  
Oh WK, et al. *Urology.* 2011 Sep;78(3):626-30.  
Siegel D, et al. *Leuk Lymphoma.* 2011 Dec;52(12):2308-15.

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

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