

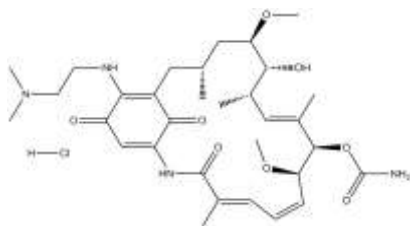
## 17-DMAG, Hydrochloride

**ALTERNATE NAME:** 17-(Dimethylaminoethylamino)-17-demethoxygeldanamycin Hydrochloride; Alvespimycin

**CATALOG #:** 1776-1,5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>32</sub>H<sub>48</sub>N<sub>4</sub>O<sub>8</sub>·HCl

**MOLECULAR WEIGHT:** 653.21

**CAS NUMBER:** 467214-21-7

**APPEARANCE:** Purple solid

**SOLUBILITY:** DMSO or water (2 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C

**DESCRIPTION:** A water-soluble analog of 17-AAG (Cat. No. 1774-1,5) that displays better stability and low *in vivo* toxicity similar to 17-AAG, but undergoes limited metabolism compared to 17-AAG. Binds specifically to heat shock protein90 (Hsp90) in a manner similar to geldanamycin.

**REFERENCE:** Kaur, G., et al. (2004). *Clin. Cancer Res.* **10**, 4813-4821.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

- Geldanamycin (Cat. No. 1564-1,5)
- NVP-AUY922 (Cat. No. 1591-1,5)
- 17-AAG (Cat. No. 1774-1, 5)