

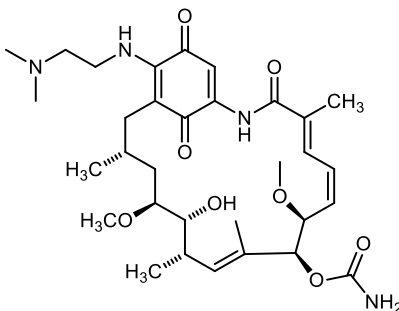
**Catalog # 10-1169**

**17-DMAG**

17-[2-(Dimethylamino)ethyl]amino-17-desmethoxygeldanamycin; NSC 707545

CAS# 150270-08-9

Lot # X113500



Geldanamycin analog that displays superior pharmacological properties. Inhibits HSP90 and induces apoptosis in a variety of tumor cell lines. Inhibits angiogenesis. Cell Permeable.

- 1) Glaze *et al.* (2005), *Preclinical toxicity of geldanamycin analog 17-(dimethylaminoethylamino)-desmethoxygeldanamycin (17-DMAG) in rats and dogs; potential clinical relevance*; *Cancer Chemother. Pharmacol.*, **56** 637
- 2) Kaur *et al.* (2004), *Antiangiogenic properties of 17-(dimethylaminoethylamino)-17-desmethoxygeldanamycin: an orally bioavailable heat shock protein 90 modulator*; *Clin. Cancer Res.*, **10** 4813

**PHYSICAL DATA**

|                        |   |
|------------------------|---|
| Molecular Weight:      | 616.76  |
| Molecular Formula:     | C <sub>32</sub> H <sub>48</sub> N <sub>4</sub> O <sub>8</sub>   |
| Purity:                | 98% by TLC  |
|                        | NMR: (Conforms)   |
| Solubility:            | DMSO (up to 30 mg/ml), or ethanol (up to 10 mg/ml)  |
| Physical Description:  | Purple solid  |
| Storage and Stability: | Store as supplied at -20°C for up to 2 years from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months. |

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