

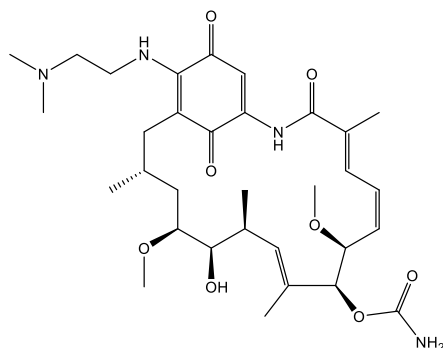
Catalog # 10-1169

17-DMAG

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

CAS# 467214-20-6

Lot # S105119



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 ₃₂ H ₄₈ N ₄ O ₈
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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