

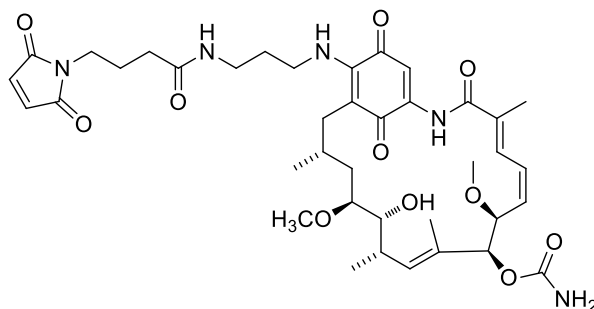


**Catalog # 10-1324**

**17-GMB-APA-GA**

17-(3-(4-Maleimidobutylcarboxamido)propylamino)-demethoxygeldanamycin

Lot # X104067



Geldanamycin analog equipped with linker for coupling to proteins or antibodies for the preparation of immunoconjugates, for example.

- 1) Mandler *et al.* (2004), *Herceptin-geldanamycin immunoconjugates: pharmacokinetics, biodistribution, and enhanced antitumor activity*; Cancer Res., **64** 1460
- 2) Mandler *et al.* (2002), *Modifications in synthesis strategy improve the yield and efficacy of geldanamycin-herceptin immunoconjugates*; Bioconj. Chem., **13** 786
- 3) Mandler *et al.* (2000), *Immunoconjugates of geldanamycin and anti-HER2 monoclonal antibodies: antiproliferative activity on human breast carcinoma cell lines*; J. Natl. Cancer Inst., **92** 1573

**PHYSICAL DATA**

Molecular Weight:	767.90
Molecular Formula:	C <sub>39</sub> H <sub>53</sub> N <sub>5</sub> O <sub>11</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 cannot be stored and must be made fresh daily.

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