



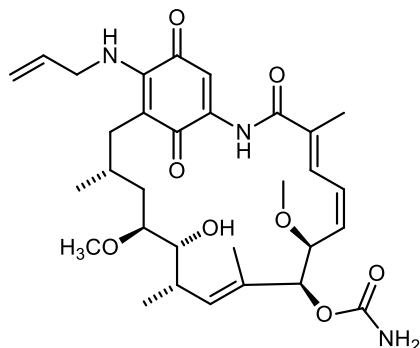
Catalog # 10-1097

17-AAG

CAS# 75747-14-7

17-(Allylamino)-17-desmethoxygeldanamycin

Lot # S104122



Semi-synthetic analog of geldanamycin which is less toxic and more stable. Selectively binds to and inhibits HSP90 from tumor cells. Anti-angiogenic activity. Cell permeable.

- 1) Schulte et al., (1998), *The benzoquinone ansamycin 17-allylamino-17-demethoxygeldanamycin binds to HSP90 and shares important biologic activities with geldanamycin*; Cancer Chemother. Pharmacol. **42** 273
- 2) Kamal et al., (2003), *A high-affinity conformation of Hsp90 confers tumour selectivity on Hsp90 inhibitors*; Nature **425** 407
- 3) Kaur et al., (2004), *Therapeutic and diagnostic implications of Hsp90 activation*; Clinical Cancer Res. **10** 4813

PHYSICAL DATA

Molecular Weight:	585.70
Molecular Formula:	C ₃₁ H ₄₃ N ₃ O ₈
Purity:	>98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 50 mg/ml), ethanol (up to 5 mg/ml)
Physical Description:	Purple or dark red solid
Storage and Stability:	Store as supplied at room temperature for up to 1 year from the date of purchase. Protect from exposure to moisture. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

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