

## 17-DMAG, HSP90 inhibitor

Catalog	Unit
TBI1169 - 1MG	1 mg
TBI1169 - 5MG	5 mg

### Product Details

**Formal Name:** 17-[2-(Dimethylamino)ethyl]amino-17-desmethoxygeldanamycin

**Alternate Names:** NSC 707545; KOS-1022; Alvespimycin

**Molecular Formula:** C<sub>32</sub>H<sub>48</sub>N<sub>4</sub>O<sub>8</sub>

**Formula Weight:** 616.763

**CAS Number:** 467214-20-6

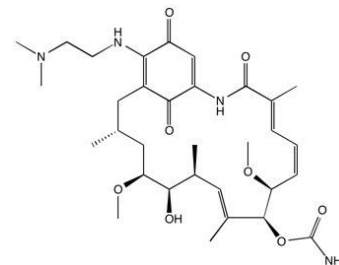
**Purity:** >98%

**Formulation:** Powder

**Solubility:** Soluble in DMSO (up to 30 mg/ml) or in Ethanol (up to 10 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

HSP90 inhibitor

### Functions

17-DMAG (150270-08-9) is an analog of geldanamycin that displays superior pharmacological properties. 17-DMAG inhibits HSP90 and induces apoptosis in a variety of tumor cell lines. Inhibits angiogenesis. Cell Permeable.

### Application Procedures

First dissolved in DMSO (up to 30 mg/ml) or in Ethanol (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

### Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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