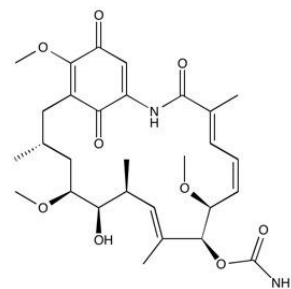


Catalog	Unit
TBI1084 - 1MG	1 mg
TBI1084 - 5MG	5 mg

### Product Details

**Formal Name:** 9,13-Dihydroxy-8,14,19-trimethoxy-4,10,12,16-tetramethyl-2-azabicyclo[16.3.1]docosa-4,6,10,18,21-pentaene-3,20,22-trione,9-carbamate  
**Alternate Names:** NSC 122750; U-29135  
**Molecular Formula:** C<sub>29</sub>H<sub>40</sub>N<sub>2</sub>O<sub>9</sub>  
**Formula Weight:** 560.65  
**CAS Number:** 30562-34-6  
**Purity:** >98%  
**Formulation:** Powder  
**Solubility:** Soluble in DMSO (up to 50 mg/ml).  
**Storage:** -20°C  
**Stability:** ≥ 2 years.



### Applications

HSP90 inhibitor

### Functions

Geldanamycin (30562-34-6) inhibits HSP90 by binding to its ATP-binding domain ( $K_d = 1.2 \mu\text{M}$ ) and subsequently inhibits HSP90 client proteins. Geldanamycin induces apoptosis in various cell types. Cell permeable.

### Application Procedures

First dissolved in DMSO (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO 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

**For research use only.**