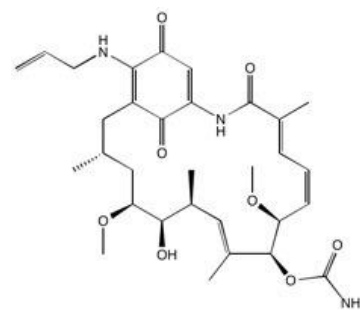


Catalog	Unit
TBI1097 - 1MG	1 mg
TBI1097 - 5MG	5 mg

Product Details

Formal Name: 17-(Allylamino)-17-desmethoxygeldanamycin
Alternate Names: Tanespimycin
Molecular Formula: C₃₁H₄₃N₃O₈
Formula Weight: 585.7
CAS Number: 75747-14-7
Purity: >99%
Formulation: Powder
Solubility: Soluble in DMSO (up to 50 mg/ml) or in Ethanol (up to 5 mg/ml).
Storage: RT, Protect from moisture.
Stability: ≥ 2 years.



Applications

HSP90 inhibitor

Functions

17-AAG (75747-14-7) is a Semi-synthetic analog of geldanamycin which is less toxic and more stable. Selectively binds to and inhibits HSP90 from tumor cells displaying a 100-fold higher affinity for tumor cell-derived over normal cell HSP90. Displays anti-angiogenic activity. Sensitizes tumor cells to apoptosis in response to anticancer agents such as taxol. Induces cytoplasmic α -synuclein aggregate clearance by induction of autophagy. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml) or in ethanol (up to 5 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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