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## DATASHEET

17-AAG

### Product overview

<b>Name</b>	17-AAG
<b>Cat No</b>	HB3599
<b>Alternative names</b>	Tanespimycin
<b>Biological action</b>	Inhibitor
<b>Purity</b>	>98%
<b>Description</b>	Selective Hsp90 inhibitor. Also protects neuroprogenitor cells against apoptosis.

### Biological Data

<b>Biological description</b>	Selective Hsp90 inhibitor. Potent, less toxic analog of geldanamycin. Also a telomerase activity inhibitor. Shows antitumor activity and induces apoptosis. Also protects neuroprogenitor cells against apoptosis.
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### Solubility & Handling

<b>Storage instructions</b>	-20 °C
<b>Solubility overview</b>	Soluble in DMSO (100 mM)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Chemical name</b>	17-Demethoxy-17-(2-propenylamino)geldanamycin
<b>Molecular Weight</b>	585.7
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>31</sub> H <sub>43</sub> N <sub>3</sub> O <sub>8</sub>
<b>CAS Number</b>	75747-14-7
<b>PubChem identifier</b>	433449
<b>SMILES</b>	CC1CC(C(C=C(C(C=CC=C(C(=O)NC2=CC(=O)C(=C(C1)C2=O)NCC=C)C)OC)OC(=O)N)C)C)O)OC
<b>InChiKey</b>	AYUNIORJHRXIBJ-TXHRRWQRSA-N
<b>MDL number</b>	MFCD04973892
<b>Appearance</b>	Purple