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DATASHEET

17-AAG

Product overview

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

Biological Data

Biological description	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

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

Chemical Data

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