

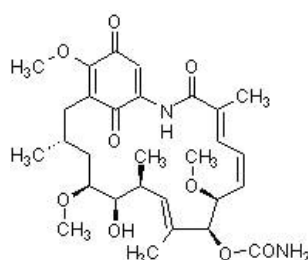
## Product datasheet

# Geldanamycin, Hsp90 inhibitor ab120896

[1 References](#) [1 Image](#)

### Overview

<b>Product name</b>	Geldanamycin, Hsp90 inhibitor
<b>Description</b>	Selective Hsp90 inhibitor
<b>Biological description</b>	Selective Hsp90 inhibitor. Binds the ATP site of Hsp90 and inhibits chaperone activity. A benzoquinone ansamycin antibiotic. Also inhibits the Hsp90 paralog GRP94. Exhibits various cellular actions including gene expression, cell proliferation, apoptosis and angiogenesis.
<b>Purity</b>	> 98%
<b>CAS Number</b>	30562-34-6
<b>Chemical structure</b>	



### Properties

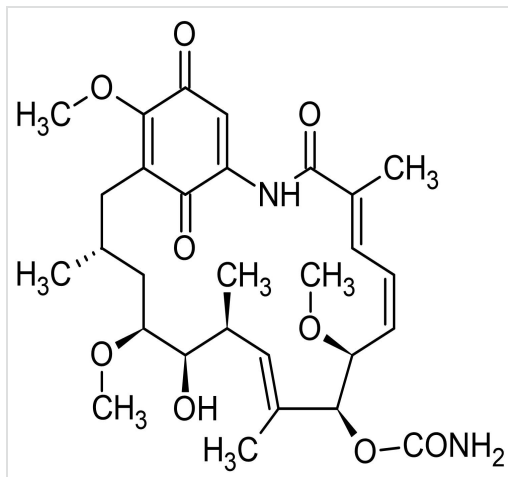
<b>Chemical name</b>	9,13-Dihydroxy-8,14,19-trimethoxy-4,10,12,16-tetramethyl-2-azabicyclo[16.3.1]docosa-4,6,10,18,21-pentaene-3,20,22-trione, 9-carbamate
<b>Molecular weight</b>	560.64
<b>Molecular formula</b>	C <sub>29</sub> H <sub>40</sub> N <sub>2</sub> O <sub>9</sub>
<b>Storage instructions</b>	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store in the Dark. Store under desiccating conditions.
<b>Solubility overview</b>	Soluble in DMSO to 10 mM
<b>Handling</b>	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>

**SMILES**

COC(C(C=C1N2)=O)=C(C1=O)C[C@@H](C)C[C@H](OC)[C@H](O)[C@@H](C)/C=C(C)/[C@H](OC(N)=O)[C@@H](OC)/C=C/C=C(C)/C2=O

**Source**

*Sterptomyces hygrosopicus*

**Images**

2D chemical structure image of ab120896, Geldanamycin, Hsp90 inhibitor

Chemical Structure - Geldanamycin, Hsp90 inhibitor  
(ab120896)

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