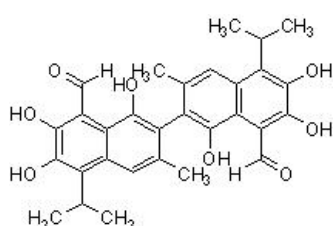


Product datasheet

AT 101, Bcl-2 and Mcl-1 inhibitor (BH3-mimetic)  
ab145624

1 Image

Overview

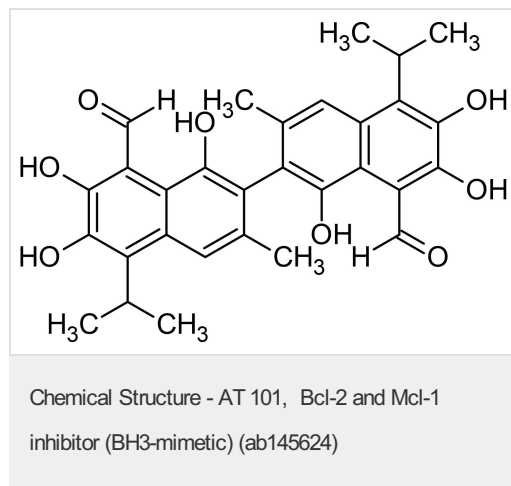
<b>Product name</b>	AT 101, Bcl-2 and Mcl-1 inhibitor (BH3-mimetic)
<b>Description</b>	Pro-apoptotic agent. BH3-mimetic. Bcl-2 and Mcl-1 inhibitor.
<b>Biological description</b>	Pro-apoptotic agent. BH3-mimetic. Bcl-2 and Mcl-1 inhibitor. Gossypol ( <a href="#">ab141050</a> , <a href="#">ab144391</a> ) enantiomer. Induces Noxa and PUMA. Shows antiproliferative and chemosensitizing effects <i>in vivo</i> . Orally active.
<b>Purity</b>	> 98%
<b>CAS Number</b>	90141-22-3
<b>Chemical structure</b>	

Properties

<b>Chemical name</b>	(R)-1,1',6,6',7,7'-Hexahydroxy-3,3'-dimethyl-5,5'-bis(1-methylethyl)-[2,2'-binaphthalene]-8,8'-dicarboxaldehyde
<b>Molecular weight</b>	518.56
<b>Molecular formula</b>	C <sub>30</sub> H <sub>30</sub> O <sub>8</sub>
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in ethanol to 75 mM and in DMSO to 75 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**OC1=C(O)C(C(C)C)=C(C=C(C)C(C2=C(O)C(C(C([H])=O)=C(O)C(O)=C3C(C)C)=C3C=C2C)=C4O)C4=C1C([H])=O**Source**

Synthetic

**Images**

2D chemical structure image of ab145624, AT 101, Bcl-2 and Mcl-1 inhibitor (BH3-mimetic)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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