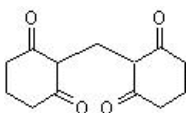


## Product datasheet

### M 50054, apoptosis inhibitor ab145906

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

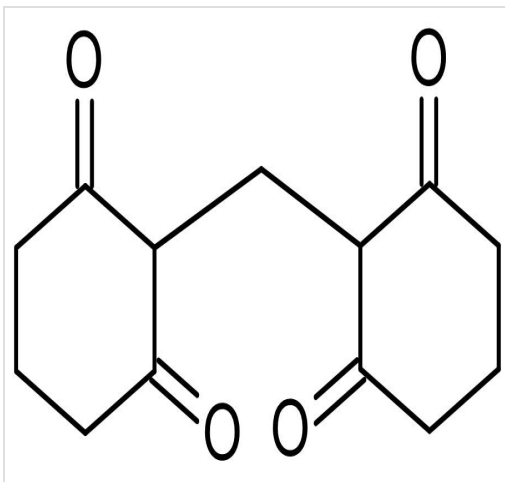
#### Overview

<b>Product name</b>	M 50054, apoptosis inhibitor
<b>Description</b>	Cell-permeable apoptosis inhibitor
<b>Biological description</b>	Cell-permeable apoptosis inhibitor. Inhibits caspase-3 activation and DNA fragmentation. Shows anti-alopecia effects and impedes neuroregeneration <i>in vivo</i> .
<b>Purity</b>	> 95%
<b>CAS Number</b>	54135-60-3
<b>Chemical structure</b>	

#### Properties

<b>Chemical name</b>	2-[(2,6-Dioxocyclohexyl)methyl]cyclohexane-1,3-dione
<b>Molecular weight</b>	236.26
<b>Molecular formula</b>	C <sub>13</sub> H <sub>16</sub> O <sub>4</sub>
<b>PubChem identifier</b>	2748618
<b>Storage instructions</b>	Store at +4°C. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in ethanol and in DMSO
<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>
<b>SMILES</b>	<chem>C1CC(=O)C(C(=O)C1)CC2C(=O)CCCC2=O</chem>
<b>Source</b>	Synthetic

#### Images



Chemical Structure - M 50054, apoptosis inhibitor  
(ab145906)

2D chemical structure image of ab145906, M 50054, apoptosis inhibitor

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

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