### Overview

**Product name**  Aurintricarboxylic acid (ATA), Apoptosis inhibitor  
**Description**  Apoptosis inhibitor  
**Biological description**  Inhibits endonucleases and downstream apoptosis. Displays a multitude of biological activities including inhibition of protein-nucleic acid interactions and topoisomerase II. Inhibits protein synthesis.  
**CAS Number**  4431-00-9  
**Chemical structure**

![Chemical structure](attachment:image)

### Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chemical name</strong></td>
<td>3,3’-(3-Carboxy-4-oxo-2,5-cyclohexadien-1-ylidene)methylene]bis(6-hydroxybenzoic acid)</td>
</tr>
<tr>
<td><strong>Molecular weight</strong></td>
<td>422.35</td>
</tr>
<tr>
<td><strong>Molecular formula</strong></td>
<td>C_{22}H_{14}O_{9}</td>
</tr>
<tr>
<td><strong>PubChem identifier</strong></td>
<td>2259</td>
</tr>
<tr>
<td><strong>Storage instructions</strong></td>
<td>Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.</td>
</tr>
<tr>
<td><strong>Solubility overview</strong></td>
<td>Soluble in water to 20 mM and in ethanol to 100 mM</td>
</tr>
</tbody>
</table>
| **Handling**              | 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.  
  Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details. |
| **SMILES**                | OC(=O)C1=CC(=CC1=O)=C(/c2ccc(O)c(c2)C(=O)O)c3ccc(O)c(c3)C(=O)O       |
| **Source**                | Synthetic                                                            |

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**abcam**

**Product datasheet**

**Aurintricarboxylic acid (ATA), Apoptosis inhibitor**  
**ab141027**
Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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