# Fulvic acid, colloidal poly-electrolyte ab144256

## Overview

<table>
<thead>
<tr>
<th>Product name</th>
<th>Fulvic acid, colloidal poly-electrolyte</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Cell-permeable colloidal poly-electrolyte</td>
</tr>
<tr>
<td>Biological description</td>
<td>Cell-permeable colloidal poly-electrolyte. Can act as an electron donor or acceptor / oxidizer or reducer. Inhibits aggregation and promotes disassembly of tau fibrils. Shows broad-spectrum antibacterial activity <em>in vivo</em>.</td>
</tr>
<tr>
<td>Purity</td>
<td>&gt; 95%</td>
</tr>
<tr>
<td>CAS Number</td>
<td>479-66-3</td>
</tr>
<tr>
<td>Chemical structure</td>
<td>![Chemical structure image]</td>
</tr>
</tbody>
</table>

## Properties

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>3,7,8-Trihydroxy-3-methyl-10-oxo-1,4-dihydropyran[4,3-b]chromene-9-carboxylic acid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molecular weight</td>
<td>308.24</td>
</tr>
<tr>
<td>Molecular formula</td>
<td>C(<em>{14})H(</em>{12})O(_8)</td>
</tr>
<tr>
<td>PubChem identifier</td>
<td>5359407</td>
</tr>
<tr>
<td>Storage instructions</td>
<td>Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.</td>
</tr>
<tr>
<td>Handling</td>
<td>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.</td>
</tr>
</tbody>
</table>

| SMILES                        | CC1(CC2=C(CO1)=O)C3=C(C(=C(C3O2)=O)=O)C(=O)=O |
| Source                        | Penicillium sp.                                                                     |

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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