

## Product Information

### Geniposide

**Cat. No.:** X23-04-XQ369

**Size:** 20 mg; 50 mg; 100 mg; 200 mg

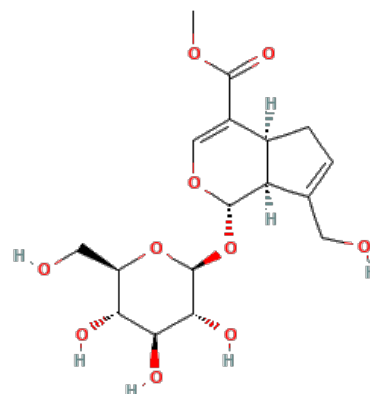
**MDL:** MFCD16036219

**CAS Number:** 24512-63-8

**Compound CID:** 107848

**Synonym:** 24512-63-8; Geniposide; Jasminoidin

**This product is for research use only and is not intended for diagnostic use.**



### Product Information

<b>Description</b>	Geniposide is an iridoid glycoside found in species of <i>Gardenia</i> that exhibits antioxidative, anti-diabetic, anti-inflammatory, neuroprotective, antiviral, and antithrombotic activities.
<b>Molecular Weight</b>	388.37
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>24</sub> O <sub>10</sub>
<b>IUPAC Name</b>	Methyl (1 <i>S</i> ,4 <i>aS</i> ,7 <i>aS</i> )-7-(hydroxymethyl)-1-[(2 <i>S</i> ,3 <i>R</i> ,4 <i>S</i> ,5 <i>S</i> ,6 <i>R</i> )-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-1,4 <i>a</i> ,5,7 <i>a</i> -tetrahydrocyclopenta[ <i>c</i> ]pyran-4-carboxylate
<b>InChI</b>	InChI=1S/C17H24O10/c1-24-15(23)9-6-25-16(11-7(4-18)2-3-8(9)11)27-17-14(22)13(21)12(20)10(5-19)26-17/h2,6,8,10-14,16-22H,3-5H2,1H3/t8-,10-,11-,12-,13+,14-,16+,17+/m1/s1
<b>InChI Key</b>	IBFYXTRXDNAPMM-BVTMAQQCSA-N
<b>Canonical SMILES</b>	COC(=O)C1=COC(C2C1CC=C2CO)OC3C(C(C(C(O3)CO)O)O)O
<b>Isomeric SMILES</b>	COC(=O)C1=CO[C@H]([C@H]2[C@@H]1CC=C2CO)O[C@H]3[C@@H]([C@H]([C@@H]([C@H](O3)CO)O)O)O
<b>Source</b>	The fruits of <i>Gardenia jasminoides Ellis</i>
<b>Form</b>	White or light yellow crystal
<b>Purity</b>	>98%, determined by HPLC.
<b>Solubility</b>	It is easily soluble in water, soluble in ethanol, and insoluble in petroleum ether.
<b>Identity</b>	Confirmed by NMR and MS.
<b>Stability</b>	The product is stable for two years when stored at the recommended temperature.



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<b>Melting Point</b>	163°C~164°C
<b>Applications</b>	Geniposide can be used for laxative, analgesic, choleric, and anti-inflammatory effect experiments, etc.
<b>Storage</b>	Store at 4°C. Protect from light.

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### Safety Information

<b>Personal Protective Equipment</b>	Gloves, eyeshields, N95 mask
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