

## Product Information

### Platycodigenin

**Cat. No.:** X23-04-XQ326

**Size:** 10 mg; 20 mg; 50 mg; 100 mg

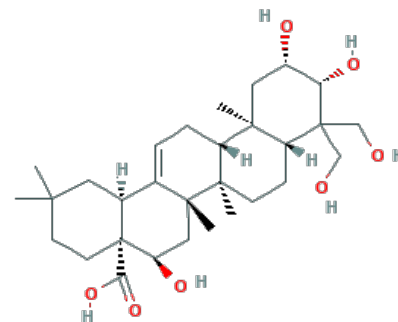
**MDL:** MFCD24369677

**CAS Number:** 22327-82-8

**Compound CID:** 12314399

**Synonym:** 22327-82-8; Platycodigenin; Platycodigenin;

2beta,3beta,16alpha,23,24-Pentahydroxyolean-12-en-28-oic acid



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

#### Product Information

<b>Description</b>	Platycodigenin has been shown to have hypoglycemic effects and to have a protective effect against hepatic injury induced by carbon tetrachloride.
<b>Molecular Weight</b>	520.7
<b>Molecular Formula</b>	C <sub>30</sub> H <sub>48</sub> O <sub>7</sub>
<b>IUPAC Name</b>	(4a <i>R</i> ,5 <i>R</i> ,6a <i>R</i> ,6a <i>S</i> ,6b <i>R</i> ,8a <i>R</i> ,10 <i>R</i> ,11 <i>S</i> ,12a <i>R</i> ,14b <i>S</i> )-5,10,11-Trihydroxy-9,9- <i>bis</i> (hydroxymethyl)-2,2,6a,6b,12a-pentamethyl-1,3,4,5,6,6a,7,8,8a,10,11,12,13,14b-tetradecahydropicene-4a-carboxylic acid
<b>InChI</b>	InChI=1S/C30H48O7/c1-25(2)10-11-30(24(36)37)18(12-25)17-6-7-20-26(3)13-19(33)23(35)29(15-31,16-32)21(26)8-9-27(20,4)28(17,5)14-22(30)34/h6,18-23,31-35H,7-16H2,1-5H3,(H,36,37)/t18-,19-,20+,21+,22+,23-,26+,27+,28+,30+/m0/s1
<b>InChI Key</b>	APTNOIWSCDBIAS-PCHRGASXSA-N
<b>Canonical SMILES</b>	CC1(CCC2(C(C1)C3=CCC4C(C3(CC2O)C)(CCC5C4(CC(C(C5(CO)CO)O)O)C)C(=O)O)C
<b>Isomeric SMILES</b>	C[C@@]12CC[C@@H]3[C@@]([C@H]1CC=C4[C@]2(C[C@H]([C@@]5([C@H]4CC(CC5)(C)C)C(=O)O)O)C)(C[C@@H]([C@@H](C3(CO)CO)O)O)C
<b>Form</b>	White crystal or powder
<b>Purity</b>	>98%, determined by HPLC.
<b>Identity</b>	Confirmed by NMR and MS.
<b>Stability</b>	The product is stable for two years when stored at the recommended temperature.
<b>Applications</b>	Platycodigenin can be used for neuroprotective and anti-inflammatory property experiments, etc.
<b>Storage</b>	Store at 4°C. Protect from light.



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## Safety Information

**Personal Protective Equipment**      Gloves, eyeshields, N95 mask

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