

## Product Information

### Platycoside E

**Cat. No.:** X23-04-XQ350

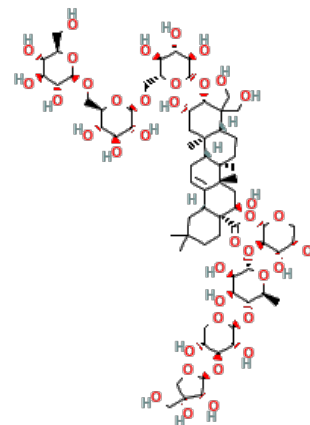
**Size:** 10 mg; 20 mg; 50 mg; 100 mg

**CAS Number:** 237068-41-6

**Compound CID:** 70698202

**Synonym:** 237068-41-6; Platycoside E; Platycodin E

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



#### Product Information

<b>Description</b>	Platycoside E is a triterpenoid saponin that has been shown to have antiviral, anti-inflammatory, and hepatoprotective activities.
<b>Molecular Weight</b>	1549.62
<b>Molecular Formula</b>	C <sub>69</sub> H <sub>112</sub> O <sub>38</sub>
<b>IUPAC Name</b>	<p>[(2<i>S</i>,3<i>R</i>,4<i>S</i>,5<i>S</i>)-3-[(2<i>S</i>,3<i>R</i>,4<i>S</i>,5<i>R</i>,6<i>S</i>)-5-[(2<i>S</i>,3<i>R</i>,4<i>S</i>,5<i>R</i>)-4-[(2<i>S</i>,3<i>R</i>,4<i>R</i>)-3,4-Dihydroxy-4-(hydroxymethyl)oxolan-2-yl]oxy-3,5-dihydroxyoxan-2-yl]oxy-3,4-dihydroxy-6-methylloxan-2-yl]oxy-4,5-dihydroxyoxan-2-yl]</p> <p>(4<i>aR</i>,5<i>R</i>,6<i>aR</i>,6<i>aS</i>,6<i>bR</i>,8<i>aR</i>,10<i>R</i>,11<i>S</i>,12<i>aR</i>,14<i>bS</i>)-5,11-dihydroxy-9,9-<i>bis</i>(hydroxymethyl)-2,2,6<i>a</i>,6<i>b</i>,12<i>a</i>-pentamethyl-10-[(2<i>R</i>,3<i>R</i>,4<i>S</i>,5<i>S</i>,6<i>R</i>)-3,4,5-trihydroxy-6-[(2<i>R</i>,3<i>R</i>,4<i>S</i>,5<i>S</i>,6<i>R</i>)-3,4,5-trihydroxy-6-[(2<i>R</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]oxymethyl]oxan-2-yl]oxymethyl]oxan-2-yl]oxy-1,3,4,5,6,6<i>a</i>,7,8,8<i>a</i>,10,11,12,13,14<i>b</i>-tetradecahydopicene-4<i>a</i>-carboxylate</p>
<b>InChI</b>	InChI=1S/C69H112O38/c1-25-50(103-57-49(90)51(30(76)18-94-57)104-61-53(91)68(93,23-73)24-9-8-61)44(85)48(89)58(99-25)105-52-37(78)29(75)17-95-60(52)107-62(92)69-12-11-63(2,3)13-27(69)26-7-8-34-64(4)14-28(74)54(67(21-71,22-72)35(64)9-10-65(34,5)66(26,6)15-36(69)77)106-59-47(88)43(84)40(81)33(102-59)20-97-56-46(87)42(83)39(80)32(101-56)19-96-55-45(86)41(82)38(79)31(16-70)100-55/h7,25,27-61,70-91,93H,8-24H2,1-6H3/t25-,27-,28-,29-,30+,31+,32+,33+,34+,35+,36+,37-,38+,39+,40+,41-,42-,43-,44-,45+,46+,47+,48+,49+,50-,51-,52+,53-,54-,55+,56+,57-,58-,59-,60-,61-,64+,65+,66+,68+,69+/m0/s1
<b>InChI Key</b>	TZSYJZBVJYXHEK-SNQGWRGYSA-N
<b>Canonical SMILES</b>	CC1C(C(C(C(O1)OC2C(C(COC2OC(=O)C34CCC(CC3C5=CCC6C(C5(CC4O)C)(CCC7C6(CC(C(C7(CO)CO)OC8C(C(C(C(O8)COC9C(C(C(C(O9

