

Product Information

Ginsenoside Rg3, Purity ≥95%

Cat. No.: X25-01-WXX323

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

CAS Number: 38243-03-7

Compound CID: 46887680

Synonym: 20(R)-ginsenoside Rg3; (20R)-Ginsenoside Rg3; 38243-03-7; 20(R)-Propanaxadiol; (20R)Ginsenoside Rg3

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

Product Information

Description	Ginsenoside Rg3 is a biologically active compound from <i>Panax ginseng</i> C. A. Mey.
Molecular Weight	785.01
Molecular Formula	C ₄₂ H ₇₂ O ₁₃
IUPAC Name	(2S,3R,4S,5S,6R)-2-[(2R,3R,4S,5S,6R)-4,5-dihydroxy-2-[[[(3S,5R,8R,9R,10R,12R,13R,14R,17S)-12-hydroxy-17-[(2R)-2-hydroxy-6-methylhept-5-en-2-yl]-4,4,8,10,14-pentamethyl-2,3,5,6,7,9,11,12,13,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthren-3-yl]oxy]-6-(hydroxymethyl)oxan-3-yl]oxy-6-(hydroxymethyl)oxane-3,4,5-triol
InChI	InChI=1S/C42H72O13/c1-21(2)10-9-14-42(8,51)22-11-16-41(7)29(22)23(45)18-27-39(5)15-13-28(3)8(3,4)26(39)12-17-40(27,41)6)54-37-35(33(49)31(47)25(20-44)53-37)55-36-34(50)32(48)30(46)24(1)9-43)52-36/h10,22-37,43-51H,9,11-20H2,1-8H3/t22-,23+,24+,25+,26-,27+,28-,29-,30+,31+,32-,33-,34+,35+,36-,37-,39-,40+,41+,42+/m0/s1
InChI Key	RWXIFXNRCLMQCD-CZIWJLDFSA-N
Canonical SMILES	CC(=CCCC(C)(C1CCC2(C1C(CC3C2(CCC4C3(CCC(C4(C)C)OC5C(C(C(C(O5)CO)O)O)OC6C(C(C(C(O6)CO)O)O)O)C)C)O)C)O)C
Isomeric SMILES	CC(=CCC[C@](C)([C@H]1CC[C@@]2([C@@H]1[C@@H](C[C@H]3[C@]2(CC[C@@H]4[C@@]3(CC[C@@H](C4(C)C)O[C@H]5[C@@H]([C@H]([C@@H]([C@H](O5)CO)O)O)O[C@H]6[C@@H]([C@H]([C@@H]([C@H](O6)CO)O)O)O)C)O)C)O)C
Form	Solid
Purity	≥95%
Applications	Ginsenoside Rg3 has antitumor, antioxidant, and immunomodulatory effects, and has a wide range of applications in pharmaceuticals, nutraceuticals, and functional foods.
Storage	Store at -20°C.



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