



Product Information

Notoginsenoside R1

Cat. No.: X23-03-ZQ395

Size: 500 mg; 1 g; 10 g; 25 g

MDL: MFCD00210535

CAS Number: 80418-24-2

PubChem Substance ID: 354335689

PubChem CID: 441934

Synonym: 80418-24-2;

(2*S*,3*R*,4*S*,5*S*,6*R*)-2-[(2*S*)-2-[(3*S*,5*R*,6*S*,8*R*,9*R*,10*R*,12*R*,13*R*,14*R*,17*S*)-6-[(2*R*,3*R*,4

S,5*S*,6*R*

)-4,5-Dihydroxy-6-(hydroxymethyl)-3-[(2*S*,3*R*,4*S*,5*R*

)-3,4,5-trihydroxyoxan-2-yl]oxyoxan-2-yl]oxy-3,12-dihydroxy-4,4,8,10,14-pentamethyl-

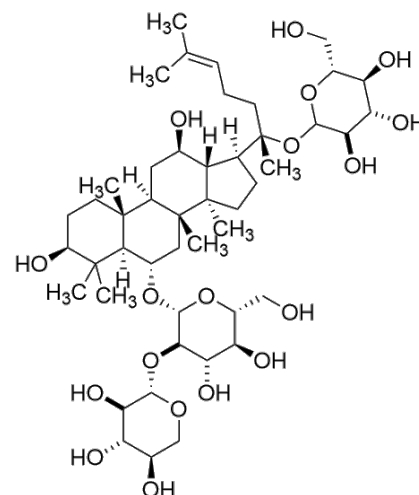
2,3,5,6,7,9,11,12,13,15,16,17-dodecahy

dro-1*H*

-cyclopenta[*a*]phenanthren-17-yl]-6-methylhept-5-en-2-yl]oxy-6-(hydroxymethyl)oxane

-3,4,5-triol

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



Product Information

Molecular Weight 933.14

Molecular Formula C₄₇H₈₀O₁₈

InChI InChI=1S/C47H80O18/c1-21(2)10-9-13-47(8,65-41-37(59)34(56)32(54)26(18-48)62-41)22-11-15-45(6)30(22)23(50)16-28-44(5)14-12-29(52)43(3,4)39(44)25(17-46(28,45)7)61-42-38(35(57)33(55)27(19-49)63-42)64-40-36(58)31(53)24(51)20-60-40/h10,22-42,48-59H,9,11-20H2,1-8H3/t22-,23+,24+,25-,-,26+,27+,28+,29-,30-,31-,32+,33+,34-,35-,36+,37+,38+,39-,40-,41-,42+,44+,45+,46+,47-/m0/s1

InChI Key LLPWNQMSUYAGQI-OOSPGMBYSA-N

Canonical SMILES CC(=CCCC(C)(C1CCC2(C1C(CC3C2(CC(C4C3(CCC(C4(C)C)O)C)OC5C(C(C(C(O5)CO)O)O)OC6C(C(C(CO6)O)O)O)C)O)C)OC7C(C(C(C(O7)CO)O)O)O)C

Isomeric SMILES CC(=CCC[C@@](C)([C@H]1CC[C@@]2([C@@H]1[C@@H](C[C@H]3[C@]2(C[C@@H]([C@@H]4[C@@]3(CC[C@@H](C4(C)C)O)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](CO6)O)O)O)C)O)C)O[C@H]7[C@@H]([C@H]([C@@H]([C@H](O7)CO)O)O)O)C



Form	White powder
Purity	>98.0%, determined by HPLC.
Applications	Notoginsenoside R1 can be used for content analysis, substance identification and chemical synthesis.
Storage	Store at -20°C.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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