

Product Information

Protodioscin

Cat. No.: X22-07-ZQ293

Size: 1 g; 2 g; 5 g

MDL: MFCD03427682

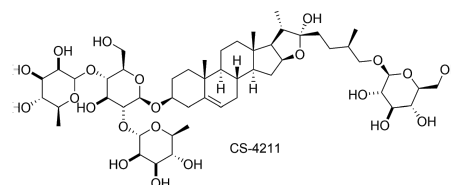
CAS Number: 55056-80-9

Compound CID: 441891

Synonym: 55056-80-9;

(3β,22α,25R)-26-(β-D-Glucopyranosyloxy)-22-hydroxyfurost-5-en-3-yl O-6-deoxy-α-L-mannopyranosyl-(1→2)-O-[6-deoxy-α-L-mannopyranosyl-(1→4)]-β-D-glucopyranoside

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



Product Information

Molecular Weight	1049.2
Molecular Formula	C ₅₁ H ₈₄ O ₂₂
InChI	InChI=1S/C51H84O22/c1-20(19-65-45-39(60)38(59)35(56)30(17-52)69-45)9-14-51(64)21(2)32-29(73-51)16-28-26-8-7-24-15-25(10-12-49(24,5)27(26)11-13-50(28,32)6)68-48-44(72-47-41(62)37(58)34(55)23(4)67-47)42(63)43(31(18-53)70-48)71-46-40(61)36(57)33(54)22(3)66-46/h7,20-23,25-48,52-64H,8-19H2,1-6H3/t20-,21+,22+,23+,25+,26-,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-/m1/s1
InChI Key	LVTJOONKWUXEFR-UEZXSUPNSA-N
Canonical SMILES	CC1C2C(CC3C2(CCC4C3CC=C5C4(CCC(C5)OC6C(C(C(C(O6)CO)OC7C(C(C(C(O7)C)O)O)O)OC8C(C(C(C(O8)C)O)O)O)C)OC1(CCC(C)COC9C(C(C(C(O9)CO)O)O)O)O
Isomeric SMILES	C[C@@H]1[C@H]2[C@H](C[C@@H]3[C@@]2(CC[C@H]4[C@H]3CC=C5[C@@]4(CC[C@@H](C5)O[C@H]6[C@@H]([C@H]([C@@H]([C@H](O6)CO)O[C@H]7[C@@H]([C@@H]([C@H]([C@@H](O7)C)O)O)O)O[C@H]8[C@@H]([C@@H]([C@H]([C@@H](O8)C)O)O)O)C)O[C@@]1(CC[C@@H](C)CO[C@H]9[C@@H]([C@H]([C@@H]([C@H](O9)CO)O)O)O)O
Form	Powder
Purity	>95%
Applications	Protodioscin is a useful chemical compound for research and analytical purpose.
Storage	Store at -20°C.



Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask
