

Product Information

Perisesaccharide C

Cat. No.: X22-05-ZQ355

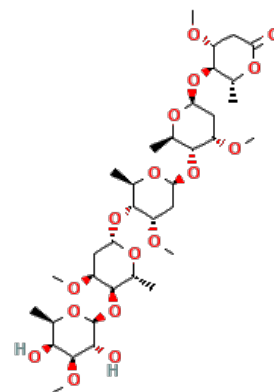
Size: 5 mg; 20 mg; 50 mg; 100 mg

CAS Number: 1311473-28-5

Compound CID: 124928615

Synonym: 1311473-28-5; Perisesaccharide C; PerisesaccharideC;

(4*R*,5*R*,6*R*)-5-[(2*S*,4*S*,5*R*,6*R*)-5-[(2*S*,4*S*,5*R*,6*R*)-5-[(2*S*,4*S*,5*R*,6*R*)-5-[(2*S*,3*R*,4*S*,5*S*,6*R*)-3,5-Dihydroxy-4-methoxy-6-methyloxan-2-yl]oxy-4-methoxy-6-methyloxan-2-yl]oxy-4-methoxy-6-methyloxan-2-yl]oxy-4-methoxy-6-methyloxan-2-yl]oxy-4-methoxy-6-methyloxan-2-one



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

Product Information

Description	Perisesaccharide C is an oligosaccharide isolated from the root barks of <i>Cortex periplocae</i> . This product is widely used in research in the fields of pharmaceuticals, cosmetics and health products.
Molecular Weight	752.84
Molecular Formula	C ₃₅ H ₆₀ O ₁₇
IUPAC Name	(4 <i>R</i> ,5 <i>R</i> ,6 <i>R</i>)-5-[(2 <i>S</i> ,4 <i>S</i> ,5 <i>R</i> ,6 <i>R</i>)-5-[(2 <i>S</i> ,4 <i>S</i> ,5 <i>R</i> ,6 <i>R</i>)-5-[(2 <i>S</i> ,4 <i>S</i> ,5 <i>R</i> ,6 <i>R</i>)-5-[(2 <i>S</i> ,3 <i>R</i> ,4 <i>S</i> ,5 <i>S</i> ,6 <i>R</i>)-3,5-Dihydroxy-4-methoxy-6-methyloxan-2-yl]oxy-4-methoxy-6-methyloxan-2-yl]oxy-4-methoxy-6-methyloxan-2-yl]oxy-4-methoxy-6-methyloxan-2-yl]oxy-4-methoxy-6-methyloxan-2-one
InChI	InChI=1S/C35H60O17/c1-15-28(37)34(43-10)29(38)35(48-15)52-33-19(5)47-27(14-23(33)42-9)51-32-18(4)46-26(13-22(32)41-8)50-31-17(3)45-25(12-21(31)40-7)49-30-16(2)44-24(36)11-20(30)39-6/h15-23,25-35,37-38H,11-14H2,1-10H3/t15-,16-,17-,18-,19-,20-,21+,22+,23+,25+,26+,27+,28+,29-,30-,31-,32-,33-,34+,35+/m1/s1
InChI Key	DIJQVVFCZUGNFK-IELQLYK TSA-N
Canonical SMILES	CC1C(C(C(C(O1)OC2C(OC(CC2OC)OC3C(OC(CC3OC)OC4C(OC(CC4OC)OC5C(OC(=O)CC5OC)C)C)C)O)OC)O
Isomeric SMILES	C[C@@H]1[C@@H]([C@@H]([C@H]([C@@H](O1)O[C@@H]2[C@H](O[C@H](C[C@@H]2OC)O[C@@H]3[C@H](O[C@H](C[C@@H]3OC)O[C@@H]4[C@H](O[C@H](C[C@@H]4OC)O[C@@H]5[C@H](OC(=O)C[C@H]5OC)C)C)C)O)OC)O
Source	<i>Cortex periplocae</i>



Part Used	Root barks
Form	Powder
Purity	≥98%, determined by HPLC.
Solubility	It is soluble in chloroform, methanol and dimethylsulfoxide.
Identity	Confirmed by MS and NMR.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Perisesaccharide C is widely used in research in the fields of pharmaceuticals, cosmetics and health products.
Storage	Store at 4°C. Protect from light.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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