

Product Information

Perisesaccharide B

Cat. No.: X22-05-ZQ354

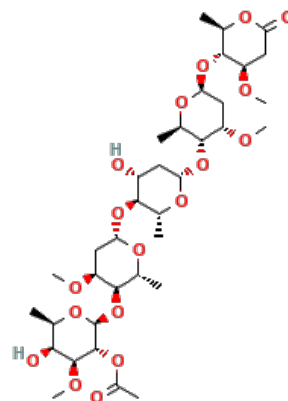
Size: 10 mg; 20 mg; 50 mg; 100 mg

CAS Number: 1095261-93-0

Compound CID: 25149302

Synonym: 1095261-93-0; Perisesaccharide B; PerisesaccharideB;

[(2S,3R,4S,5S,6R)-5-Hydroxy-2-[(2R,3R,4S,6S)-6-[(2R,3S,4R,6S)-4-Hydroxy-6-[(2R,3R,4R)-4-methoxy-6-[(2R,3R,4R)-4-methoxy-2-methyl-6-oxooxan-3-yl]oxy-2-methyloxan-3-yl]oxy-2-methyloxan-3-yl]oxy-4-methoxy-2-methyloxan-3-yl]oxy-4-methoxy-6-methyloxan-3-yl] acetate



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

Product Information

Description	Perisesaccharide B 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	696.82
Molecular Formula	C ₃₆ H ₅₆ O ₁₃
IUPAC Name	[(2S,3R,4S,5S,6R)-5-Hydroxy-2-[(2R,3R,4S,6S)-6-[(2R,3S,4R,6S)-4-Hydroxy-6-[(2R,3R,4S,6S)-4-methoxy-6-[(2R,3R,4R)-4-methoxy-2-methyl-6-oxooxan-3-yl]oxy-2-methyloxan-3-yl]oxy-2-methyloxan-3-yl]oxy-4-methoxy-2-methyloxan-3-yl]oxy-4-methoxy-6-methyloxan-3-yl] acetate
InChI	InChI=1S/C36H60O18/c1-15-29(40)34(44-10)35(50-20(6)37)36(49-15)54-33-19(5)48-27(14-24(33)43-9)51-30-16(2)46-26(11-21(30)38)52-32-18(4)47-28(13-23(32)42-8)53-31-17(3)45-25(39)12-22(31)41-7/h15-19,21-24,26-36,38,40H,11-14H2,1-10H3/t15-,16-,17-,18-,19-,21-,22-,23+,24+,26+,27+,28+,29+,30-,31-,32-,33-,34+,35-,36+/m1/s1
InChI Key	FIUKBOHZSAVHEV-UQWSCNRSSA-N
Canonical SMILES	CC1C(C(C(C(O1)OC2C(OC(CC2OC)OC3C(OC(CC3O)OC4C(OC(CC4OC)OC5C(OC(=O)CC5OC)C)C)C)OC(=O)C)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]3O)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)OC(=O)C)OC)O
Source	<i>Cortex periplocae</i>



Part Used	Root barks
Form	White 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 B 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
--------------------------------------	------------------------------
