



Product Information

Chitotriose undecaacetate

Cat. No.: XCO0020

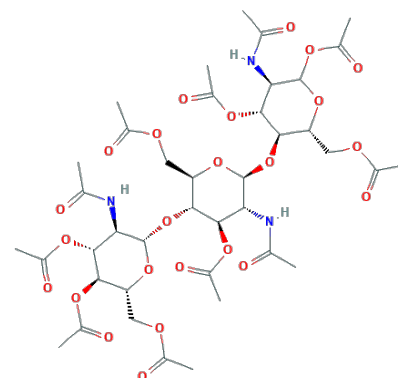
Size: 10 mg; 20 mg; 50 mg; 100 mg; 250 mg

MDL: MFCD01862211

CAS Number: 53942-45-3

Compound CID: 71314666

Synonym: Chitotriose Undecaacetate; 53942-45-3; [(2R,3S,4R,5R,6S)-5-acetamido-6-[(2R,3S,4R,5R)-5-acetamido-4,6-diacetyloxy-2-(acetyloxymethyl)oxan-3-yl]oxy-3-[(2S,3R,4R,5S,6R)-3-acetamido-4,5-diacetyloxy-6-(acetyloxymethyl)oxan-2-yl]oxy-4-acetyloxyoxan-2-yl]methyl acetate; W-203033



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

Product Information

Molecular Weight	963.89
Molecular Formula	C ₄₀ H ₅₇ N ₃ O ₂₄
InChI	InChI=1S/C40H57N3O24/c1-15(44)41-29-36(60-23(9)52)33(27(13-56-19(5)48)63-38(29)62-25(11)54)66-40-31(43-17(3)46)37(61-24(10)53)34(28(65-40)14-57-20(6)49)67-39-30(42-16(2)45)35(59-22(8)51)32(58-21(7)50)26(64-39)12-55-18(4)47/h26-40H,12-14H2,1-11H3,(H,41,44)(H,42,45)(H,43,46)/t26-,27-,28-,29-,30-,31-,32-,33-,34-,35-,36-,37-,38?,39+,40+/m1/s1
InChI Key	XXMZYZRVOXWCPFH-RANHEDMISA-N
Canonical SMILES	CC(=O)NC1C(C(C(OC1OC2C(OC(C(C2OC(=O)C)NC(=O)C)OC(=O)C)COC(=O)C)COC(=O)C)OC3C(C(C(C(O3)COC(=O)C)OC(=O)C)OC(=O)C)NC(=O)C)OC(=O)C
Biological Source	Synthetic
Form	White to off-white powder
Purity	>95%, determined by TLC
Identity	Confirmed by MS, ¹ H NMR and IR.
Applications	Chitotriose undecaacetate is a useful chemical compound for research and analytical purpose.
Storage	Store at -20°C.

Safety Information



**Personal Protective
Equipment**

Gloves, eyeshields, N95 mask
