



Product Information

D-Cellotetraose tetradecaacetate

Cat. No.: XCO0002

Size: 25 mg; 50 mg; 100 mg; 250 mg; 500 mg

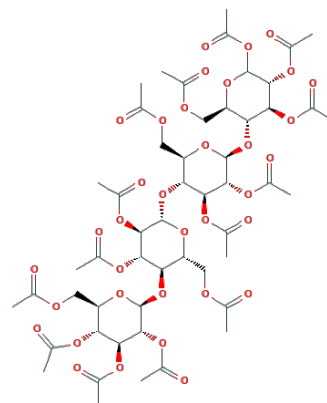
MDL: MFCD01863366

CAS Number: 83058-25-7

Compound CID: 90477551

Synonym: D-Cellotetraose tetradecaacetate; 83058-25-7; W-203886; [(2R,3R,4S,5R,6S)-4,5-diacetyloxy-3-[(2S,3R,4S,5R,6R)-3,4-diacetyloxy-6-(acetyloxymethyl)-5-[(2S,3R,4S,5R,6R)-3,4,5-triacetyloxy-6-(acetyloxymethyl)oxan-2-yl]oxyoxan-2-yl]oxy-6-[(2R,3R,4S,5R)-4,5,6-triacetyloxy-2-(acetyloxymethyl)oxan-3-yl]oxyoxan-2-yl]methyl acetate

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



Product Information

Molecular Weight	1255.09
Molecular Formula	C ₅₂ H ₇₀ O ₃₅
InChI	InChI=1S/C52H70O35/c1-19(53)67-15-33-37(71-23(5)57)41(72-24(6)58)46(77-29(11)63)50(82-33)86-39-35(17-69-21(3)55)84-52(48(79-31(13)65)43(39)74-26(8)60)87-40-36(18-70-22(4)56)83-51(47(78-30(12)64)44(40)75-27(9)61)85-38-34(16-68-20(2)54)81-49(80-32(14)66)45(76-28(10)62)42(38)73-25(7)59/h33-52H,15-18H2,1-14H3/t33-,34-,35-,36-,37-,38-,39-,40-,41+,42+,43+,44+,45-,46-,47-,48-,49?,50+,51+,52+/m1/s1
InChI Key	NKUTUOSZFYVRTC-NZEQKUHWSA-N
Canonical SMILES	CC(=O)OCC1C(C(C(C(O1)OC2C(OC(C(C2OC(=O)C)OC(=O)C)OC(=O)C)COC(=O)C)OC(=O)C)OC(=O)C)OC3C(C(C(C(C(O3)COC(=O)C)OC4C(C(C(C(C(O4)COC(=O)C)OC(=O)C)OC(=O)C)OC(=O)C)OC(=O)C)OC(=O)C
Biological Source	Synthetic
Form	White powder
Purity	>98%, determined by TLC
Identity	Confirmed by ¹ H NMR and MS.
Applications	D-Cellotetraose tetradecaacetate is a useful chemical compound for research and analytical purpose.
Storage	Store at -20°C.



Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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