



Product Information

Neu5Ac[1Me,4789Ac] α (2-3)Gal[246Bz]- β -MP

Cat. No.: X23-03-ZQ416

Size: 1 g; 5 g; 10 g

CAS Number: 1858223-85-4

PubChem Substance ID: 125307645

PubChem CID: 121234060

Synonym: 1858223-85-4; Methyl

(2S,4S,5R,6R)-5-acetamido-4-acetyloxy-2-[(2R,3S,4S,5R,6S

)-3

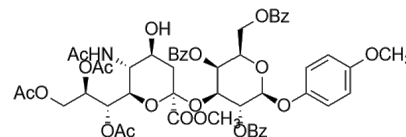
,5-dib

enzoyloxy-

2-(benzoyloxymethyl)-

6-(4-methoxyphenoxy)oxan-4-yl]oxy-6-[(1S,2R

)-1,2,3-triacetyloxypropyl]oxane-2-carboxylate



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

Product Information

Molecular Weight	1072.04
Molecular Formula	C ₅₄ H ₅₇ NO ₂₂
InChI	InChI=1S/C54H57NO22/c1-30(56)55-43-40(69-32(3)58)27-54(53(64)66-7,76-46(43)44(71-34(5)60)41(70-33(4)59)28-67-31(2)57)77-47-45(74-50(62)36-19-13-9-14-20-36)42(29-68-49(61)35-17-11-8-12-18-35)73-52(72-39-25-23-38(65-6)24-26-39)48(47)75-51(63)37-21-15-10-16-22-37/h8-26,40-48,52H,27-29H2,1-7H3,(H,55,56)/t40-,41+,42+,43+,44+,45-,46+,47-,48+,52+,54-/m0/s1
InChI Key	DNICDVYFYXDKKN-KJIULPAQSA-N
Canonical SMILES	CC(=O)NC1C(CC(OC1C(C(COC(=O)C)OC(=O)C)OC(=O)C)(C(=O)OC)OC2C(C(OC(C2OC(=O)C3=CC=CC=C3)OC4=CC=C(C=C4)OC)COC(=O)C5=CC=CC=C5)OC(=O)C6=CC=CC=C6)OC(=O)C
Isomeric SMILES	CC(=O)N[C@@H]1[C@H](C[C@@](O[C@H]1[C@@H]([C@@H](COC(=O)C)OC(=O)C)OC(=O)C)(C(=O)OC)O[C@H]2[C@H]([C@H](O[C@H]([C@@H]2OC(=O)C3=CC=CC=C3)OC4=CC=C(C=C4)OC)COC(=O)C5=CC=CC=C5)OC(=O)C6=CC=CC=C6)OC(=O)C
Form	White powder
Purity	>95.0%, determined by HPLC.



Applications	Neu5Ac[1Me,4789Ac]α(2-3)Gal[246Bz]-β-MP can be used for content analysis, substance identification and chemical synthesis.
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Storage	Store at -20°C.
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Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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