



Product Information

4-Methylumbelliferyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy- α -D-glucopyranoside

Cat. No.: X24-11-LY063

Size: 1 mg; 2 mg; 5 mg; 10 mg

MDL: MFCD09841035

CAS Number: 1174287-76-3

Compound CID: 3123325

Synonym: 1174287-76-3; 4-Methylumbelliferyl

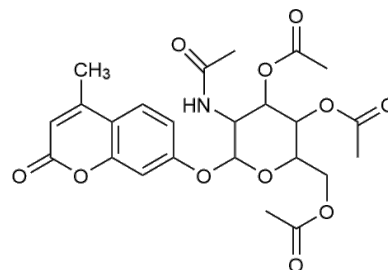
2-acetamido-2-deoxy-3,4,6-tri-O-acetyl- α -D-Glucopyranoside;

[5-Acetamido-3,4-diacetyloxy-6-(4-methyl-2-oxochromen-7-yl)oxyoxan-2-yl]methyl

acetate; 4-Methylumbelliferyl

2-acetamido-3,4,6-tri-O-acetyl-2-deoxy- α -D-glucopyranoside

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



Product Information

Description	4-Methylumbelliferyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy- α -D-glucopyranoside is a MU substrate for enzymes that catalyze the hydrolysis of glycosidic bonds.
Molecular Weight	505.48
Molecular Formula	C ₂₄ H ₂₇ NO ₁₁
IUPAC Name	[5-Acetamido-3,4-diacetyloxy-6-(4-methyl-2-oxochromen-7-yl)oxyoxan-2-yl]methyl acetate
InChI	InChI=1S/C24H27NO11/c1-11-8-20(30)35-18-9-16(6-7-17(11)18)34-24-21(25-12(2)26)23(33-15(5)29)22(32-14(4)28)19(36-24)10-31-13(3)27/h6-9,19,21-24H,10H2,1-5H3,(H,25,26)
InChI Key	UXRGMFYQEYUQU-UHFFFAOYSA-N
SMILES string	CC1=CC(=O)OC2=C1C=CC(=C2)OC3C(C(C(C(O3)COC(=O)C)OC(=O)C)OC(=O)C)NC(=O)C
Form	Powder
Purity	≥95%
Applications	4-Methylumbelliferyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy- α -D-glucopyranoside can be used to identify antibodies against certain bacteria and fungi.
Storage	Store at -20°C.