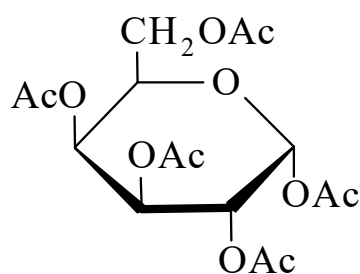




>>Entry Name: 1,2,3,4,6-Penta-*O*-acetylgalactose, 8Cl



α -D -Pyr anose-*f*orm

Molecular Formula: C₁₆H₂₂O₁₁

Molecular Weight: 390.343

Accurate Mass: 390.116215

Percentage Composition: C 49.23%; H 5.68%; O 45.09%

>>Variant: α -D-Pyranose-form

CAS Registry Number: 32445-48-0

Molecular Formula: C₁₆H₂₂O₁₁

Molecular Weight: 390.343

Accurate Mass: 390.116215

Percentage Composition: C 49.23%; H 5.68%; O 45.09%

Melting Point: Mp 95.5°

Optical Rotation: [α]_D²⁰+106.7 (c, 3.25 in CHCl₃)

>>Variant: β -D-Pyranose-form

CAS Registry Number: 4163-60-4

Molecular Formula: C₁₆H₂₂O₁₁

Molecular Weight: 390.343

Accurate Mass: 390.116215

Percentage Composition: C 49.23%; H 5.68%; O 45.09%

Physical Description: Needles (MeOH)

Melting Point: Mp 142°

Optical Rotation: [α]_D²⁰+25 (CHCl₃)

Aldrich: 13403-1

Fluka: 48270

Sigma: G1250

>>Variant: α -D-Furanose-form

CAS Registry Number: 22435-12-7

Molecular Formula: C₁₆H₂₂O₁₁

Molecular Weight: 390.343

Accurate Mass: 390.116215

Percentage Composition: C 49.23%; H 5.68%; O 45.09%

Source/Synthesis: Component of Torula yeast (*Torulopsis utilis*)

Melting Point: Mp 87°

Optical Rotation: [α]_D²⁰+61.2 (CHCl₃)

>>Variant: β -D-Furanose-form

CAS Registry Number: 5531-53-3

Molecular Formula: C₁₆H₂₂O₁₁

Molecular Weight: 390.343

Accurate Mass: 390.116215

Percentage Composition: C 49.23%; H 5.68%; O 45.09%

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 96-97°

Optical Rotation: [α]_D²²-41.5 (c, 2.0 in CH₂Cl₂)