



Molecular Formula: C₁₁H₁₆O₈
Molecular Weight: 276.243
Accurate Mass: 276.08452
Percentage Composition: C 47.83%; H 5.84%; O 46.33%
Optical Rotation: [α]_D¹⁵+77.5 (c, 1.54 in EtOH)

>>>**Derivative:** 1,3,5-Tribenzoyl
Synonym(s): 1,3,5-Tri-*O*-benzoyl- α -D-ribofuranose

CAS Registry Number: 22224-41-5

Molecular Formula: C₂₆H₂₂O₈
Molecular Weight: 462.455
Accurate Mass: 462.13147
Percentage Composition: C 67.53%; H 4.79%; O 27.68%
Melting Point: Mp 125-129°
Optical Rotation: [α]_D²⁰+85 (c, 1 in CHCl₃)
Aldrich: 38908-0
Fluka: 90650

>>>**Derivative:** 1,2-*O*-Isopropylidene

>>>**Derivative:** 2,3-*O*-Isopropylidene

>>>**Derivative:** 1,2-*O*-Benzylidene
Synonym(s): 1,2-*O*-Benzylidene- α -D-ribofuranose

Molecular Formula: C₁₂H₁₄O₅
Molecular Weight: 238.24
Accurate Mass: 238.084125
Percentage Composition: C 60.50%; H 5.92%; O 33.58%
Physical Description: Cryst. (EtOAc/petrol)
Melting Point: Mp 92-93°
Optical Rotation: [α]_D²³+36.4 (c, 1.05 in CHCl₃)

>>>**Derivative:** Me glycoside

>>>**Variant:** β -D-Furanose-form

CAS Registry Number: 36468-53-8
Molecular Formula: C₅H₁₀O₅
Molecular Weight: 150.131
Accurate Mass: 150.052825
Percentage Composition: C 40.00%; H 6.71%; O 53.28%

>>>**Derivative:** 1,2,3-Tri-Ac
Synonym(s): 1,2,3-Tri-*O*-acetyl- β -D-ribofuranose

CAS Registry Number: 130792-81-3

Molecular Formula: C₁₁H₁₆O₈
Molecular Weight: 276.243
Accurate Mass: 276.08452
Percentage Composition: C 47.83%; H 5.84%; O 46.33%
Optical Rotation: [α]_D¹⁰+3.3 (c, 0.75 in EtOH)