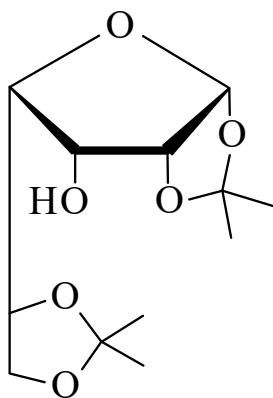




>>Entry Name: 1,2:5,6-Di-*O*-isopropylidenegulofuranose, 8Cl



Molecular Formula: C₁₂H₂₀O₆

Molecular Weight: 260.286

Accurate Mass: 260.12599

Percentage Composition: C 55.37%; H 7.74%; O 36.88%

>>Variant: α-D-form

CAS Registry Number: 14686-89-6

Type of Compound Code(s): AF1000

Molecular Formula: C₁₂H₂₀O₆

Molecular Weight: 260.286

Accurate Mass: 260.12599

Percentage Composition: C 55.37%; H 7.74%; O 36.88%

Physical Description: Cryst. (EtOH/Et₂O/petrol)

Melting Point: Mp 105-106°

Optical Rotation: [α]_D²⁰ +7.5 (c, 1.0 in CHCl₃)

Sigma: D6268

>>Derivative: 3-Ac

Synonym(s): 3-*O*-Acetyl-1,2:5,6-di-*O*-isopropylidene-α-D-gulofuranose

CAS Registry Number: 26775-14-4

Type of Compound Code(s): AF1000

Molecular Formula: C₁₄H₂₂O₇

Molecular Weight: 302.324

Accurate Mass: 302.136555

Percentage Composition: C 55.62%; H 7.33%; O 37.05%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 73-74°

Optical Rotation: [α]_D +66 (c, 0.36 in CHCl₃)

>>Derivative: 3-Tosyl

Synonym(s): 1,2:5,6-Di-*O*-isopropylidene-3-*O*-tosyl-α-D-gulofuranose

CAS Registry Number: 19131-06-7

Type of Compound Code(s): AF1000

Molecular Formula: C₁₉H₂₆O₈S

Molecular Weight: 414.476

Accurate Mass: 414.13484

Percentage Composition: C 55.06%; H 6.32%; O 30.88%; S 7.74%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 122-123 dec.°

Optical Rotation: [α]_D +32 (c, 0.7 in CHCl₃)