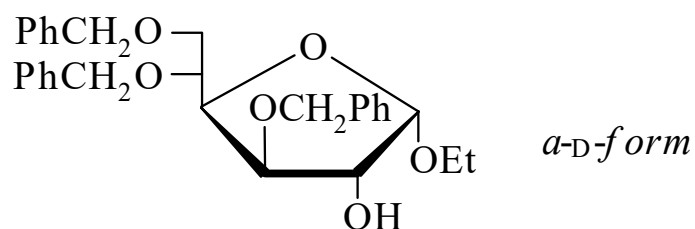




>>Entry Name: Ethyl 3,5,6-tri-*O*-benzylglucofuranoside, 8CI

Synonym(s): Ethyl 3,5,6-tris-*O*-(phenylmethyl)glucofuranoside, 9CI



Molecular Formula: C₂₉H₃₄O₆

Molecular Weight: 478.584

Accurate Mass: 478.23554

Percentage Composition: C 72.78%; H 7.16%; O 20.06%

>>Variant: D-form

Synonym(s): Tribenoside, 9CI, INN, JAN, USAN. Glyvenol

CAS Registry Number: 10310-32-4

Molecular Formula: C₂₉H₃₄O₆

Molecular Weight: 478.584

Accurate Mass: 478.23554

Percentage Composition: C 72.78%; H 7.16%; O 20.06%

Use/Importance: Antirheumatic and antiarthritic agent

Physical Description: Viscous lipophilic oil

Boiling Point: Bp_{1,2} 270-280°

Optical Rotation: [α]_D²⁶+8 (CHCl₃)

>>Variant: α-D-form

CAS Registry Number: 20822-90-6

Molecular Formula: C₂₉H₃₄O₆

Molecular Weight: 478.584

Accurate Mass: 478.23554

Percentage Composition: C 72.78%; H 7.16%; O 20.06%

Optical Rotation: [α]_D²⁰+21 (c, 1.0 in CHCl₃)

>>Derivative: 2-Ac

Synonym(s): Ethyl 2-*O*-acetyl-3,5,6-tri-*O*-benzyl-α-D-glucofuranoside

Molecular Formula: C₃₁H₃₆O₇

Molecular Weight: 520.621

Accurate Mass: 520.246105

Percentage Composition: C 71.52%; H 6.97%; O 21.51%

Boiling Point: Bp_{0.05} 240°

Optical Rotation: [α]_D²⁰+55 (c, 1.09 in CHCl₃)

>>Derivative: 2-Allyl

CAS Registry Number: 20789-50-8

Boiling Point: Bp_{0.02} 225-230°

Optical Rotation: [α]_D²⁰+47 (c, 1.06 in CHCl₃)

>>Variant: β-D-form

CAS Registry Number: 20822-91-7

Molecular Formula: C₂₉H₃₄O₆

Molecular Weight: 478.584

Accurate Mass: 478.23554

Percentage Composition: C 72.78%; H 7.16%; O 20.06%

Optical Rotation: [α]_D²⁰-61 (c, 1.0 in CHCl₃)