



CAS Registry Number: 31079-88-6

Molecular Formula: C₂₆H₂₈O₉S₂

Molecular Weight: 548.634

Accurate Mass: 548.117475

Percentage Composition: C 56.92%; H 5.14%; O 26.25%; S 11.69%

Physical Description: Cryst.

Melting Point: Mp 126°

Optical Rotation: [α]_D²⁵ -126.8 (c, 0.5 in CHCl₃)

>>Variant: α -L-form

Molecular Formula: C₁₂H₁₆O₅

Molecular Weight: 240.255

Accurate Mass: 240.099775

Percentage Composition: C 59.99%; H 6.71%; O 33.30%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 138-140°

Optical Rotation: [α]_D -44.6 (c, 1 in EtOH)

>>Derivative: Tri-Ac

Synonym(s): Benzyl 2,3,4-tri-*O*-acetyl- α -L-arabinopyranoside

Molecular Formula: C₁₈H₂₂O₈

Molecular Weight: 366.367

Accurate Mass: 366.13147

Percentage Composition: C 59.01%; H 6.05%; O 34.94%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 79.5-81°

Optical Rotation: [α]_D -24.4 (CHCl₃)

>>Variant: β -L-form

CAS Registry Number: 7473-38-3

Molecular Formula: C₁₂H₁₆O₅

Molecular Weight: 240.255

Accurate Mass: 240.099775

Percentage Composition: C 59.99%; H 6.71%; O 33.30%

Melting Point: Mp 172-173°

Optical Rotation: [α]_D +215.2 (H₂O)

>>Derivative: Tri-Ac

Synonym(s): Benzyl 2,3,4-tri-*O*-acetyl- β -L-arabinopyranoside

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 98-100°

Optical Rotation: [α]_D +200.5 (CHCl₃)

>>Derivative: 2,3-Dibenzoyl

Synonym(s): Benzyl 2,3-di-*O*-benzoyl- β -L-arabinopyranoside

CAS Registry Number: 18403-13-9

Molecular Formula: C₂₆H₂₄O₇

Molecular Weight: 448.471

Accurate Mass: 448.152205

Percentage Composition: C 69.63%; H 5.39%; O 24.97%

Physical Description: Cryst. (EtOAc/petrol)

Melting Point: Mp 122-123°

Optical Rotation: [α]_D²² +204 (c, 0.55 in CHCl₃)