



CAS Registry Number: 5346-78-1

Molecular Formula: C₁₅H₂₂O₁₀

Molecular Weight: 362.333

Accurate Mass: 362.1213

Percentage Composition: C 49.72%; H 6.12%; O 44.16%

Melting Point: Mp 76°

>>**Derivative:** 1,5-Ditosyl, 2,3,4-tribenzoyl

Synonym(s): 2,3,4-Tri-*O*-benzoyl-1,5-di-*O*-tosyl-L-arabinitol

CAS Registry Number: 20703-97-3

Melting Point: Mp 116-117°

Optical Rotation: [α]_D -22.6 (c, 3.2 in CHCl₃)

>>**Derivative:** 2,3:4,5-Di-*O*-isopropylidene

Synonym(s): 2,3:4,5-Di-*O*-isopropylidene-L-arabinitol

CAS Registry Number: 84709-35-3

Molecular Formula: C₁₁H₂₀O₅

Molecular Weight: 232.276

Accurate Mass: 232.131075

Percentage Composition: C 56.88%; H 8.68%; O 34.44%

Physical Description: Syrup

Boiling Point: Bp₂₀ 145-149°

Sigma: D3781

>>**Derivative:** 3,5-*O*-Benzylidene

Synonym(s): 3,5-*O*-Benzylidene-L-arabinitol

CAS Registry Number: 53131-06-9

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 148-149°

Optical Rotation: [α]_D²⁵ -11.1 (c, 1.0 in EtOH)

>>**Derivative:** 1,5-Ditrityl, 2,3,4-tribenzoyl

Synonym(s): 2,3,4-Tri-*O*-benzoyl-1,5-di-*O*-trityl-L-arabinitol

Molecular Formula: C₆₄H₅₂O₈

Molecular Weight: 949.11

Accurate Mass: 948.36622

Percentage Composition: C 80.99%; H 5.52%; O 13.49%

Melting Point: Mp 172-173°

Optical Rotation: [α]_D -0.5 (c, 1.9 in CHCl₃)

>>**Variant:** DL-form

CAS Registry Number: 6018-27-5

Molecular Formula: C₅H₁₂O₅

Molecular Weight: 152.147

Accurate Mass: 152.068475

Percentage Composition: C 39.47%; H 7.95%; O 52.58%