



Accurate Mass: 490.16277
Percentage Composition: C 68.56%; H 5.34%; O 26.09%
Physical Description: Cryst. (Et₂O/pentane)
Melting Point: Mp 163-164°
Optical Rotation: [α]_D +190 (c, 0.92 in CHCl₃)

>>**Derivative:** 3,4-*O*-Isopropylidene

>>**Variant:** α -L-form

CAS Registry Number: 14687-15-1

Molecular Formula: C₇H₁₄O₅
Molecular Weight: 178.185
Accurate Mass: 178.084125
Percentage Composition: C 47.19%; H 7.92%; O 44.90%
Physical Description: Cryst. (MeOH)
Melting Point: Mp 158°
Optical Rotation: [α]_D²⁴ −197.5 (c, 0.6 in H₂O)
Sigma: M2887

>>**Derivative:** 2-Ac
Synonym(s): Methyl 2-*O*-acetyl- α -L-fucopyranoside

Molecular Formula: C₉H₁₆O₆
Molecular Weight: 220.222
Accurate Mass: 220.09469
Percentage Composition: C 49.09%; H 7.32%; O 43.59%
Melting Point: Mp 82-83°
Optical Rotation: [α]_D²³ −196 (c, 0.4 in CHCl₃)

>>**Derivative:** 2,3,4-Tri-Ac
Synonym(s): Methyl 2,3,4-tri-*O*-acetyl- α -L-fucopyranoside

CAS Registry Number: 24333-02-6

Molecular Formula: C₁₃H₂₀O₈
Molecular Weight: 304.296
Accurate Mass: 304.11582
Percentage Composition: C 51.31%; H 6.62%; O 42.06%
Melting Point: Mp 70°
Optical Rotation: [α]_D²⁰ −152 (c, 1 in CHCl₃)

>>**Derivative:** 2,3-Dibenzoyl
Synonym(s): Methyl 2,3-di-*O*-benzoyl- α -L-fucopyranoside

CAS Registry Number: 14917-25-0

Molecular Formula: C₂₁H₂₂O₇
Molecular Weight: 386.401
Accurate Mass: 386.136555
Percentage Composition: C 65.28%; H 5.74%; O 28.98%
Physical Description: Syrup
Optical Rotation: [α]_D −187 (c, 4.03 in CHCl₃)

>>**Derivative:** 2,3,4-Tribenzoyl
Synonym(s): Methyl 2,3,4-tri-*O*-benzoyl- α -L-fucopyranoside

CAS Registry Number: 14686-82-9