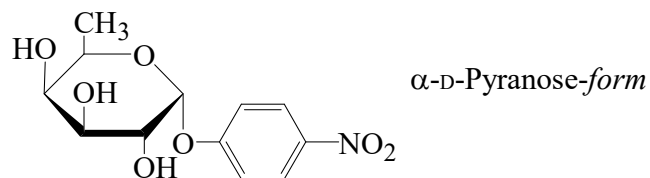




>>Entry Name: 4-Nitrophenyl fucoside

Synonym(s): 4-Nitrophenyl 6-deoxygalactoside, 9Cl



Molecular Formula: C₁₂H₁₅NO₇

Molecular Weight: 285.253

Accurate Mass: 285.084854

Percentage Composition: C 50.53%; H 5.30%; N 4.91%; O 39.26%

>>Variant: α -D-Pyranose-form

CAS Registry Number: 74032-91-0

Molecular Formula: C₁₂H₁₅NO₇

Molecular Weight: 285.253

Accurate Mass: 285.084854

Percentage Composition: C 50.53%; H 5.30%; N 4.91%; O 39.26%

Melting Point: Mp 193-194°

Optical Rotation: $[\alpha]_D^{20} +329$ (Me₂CO)

>>Variant: β -D-Pyranose-form

CAS Registry Number: 1226-39-7

Molecular Formula: C₁₂H₁₅NO₇

Molecular Weight: 285.253

Accurate Mass: 285.084854

Percentage Composition: C 50.53%; H 5.30%; N 4.91%; O 39.26%

Melting Point: Mp 186-188°

Optical Rotation: $[\alpha]_D^{20} -85$ (EtOH). $[\alpha]_D^{20} -96$ (Me₂CO)

>>Variant: α -L-Pyranose-form

CAS Registry Number: 10231-84-2

Molecular Formula: C₁₂H₁₅NO₇

Molecular Weight: 285.253

Accurate Mass: 285.084854

Percentage Composition: C 50.53%; H 5.30%; N 4.91%; O 39.26%

Melting Point: Mp 196-197°

Optical Rotation: $[\alpha]_D^{20} -317$ (Me₂CO)

>>Derivative: Tri-Ac

CAS Registry Number: 58902-47-9

Molecular Formula: C₁₈H₂₁NO₁₀

Molecular Weight: 411.365

Accurate Mass: 411.116549

Percentage Composition: C 52.56%; H 5.15%; N 3.40%; O 38.89%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 178°

Optical Rotation: $[\alpha]_D^{20} -222$ (CHCl₃)

>>Variant: β -L-Pyranose-form

CAS Registry Number: 22153-71-5

Molecular Formula: C₁₂H₁₅NO₇

Molecular Weight: 285.253

Accurate Mass: 285.084854

Percentage Composition: C 50.53%; H 5.30%; N 4.91%; O 39.26%

Melting Point: Mp 187-189°

Optical Rotation: $[\alpha]$