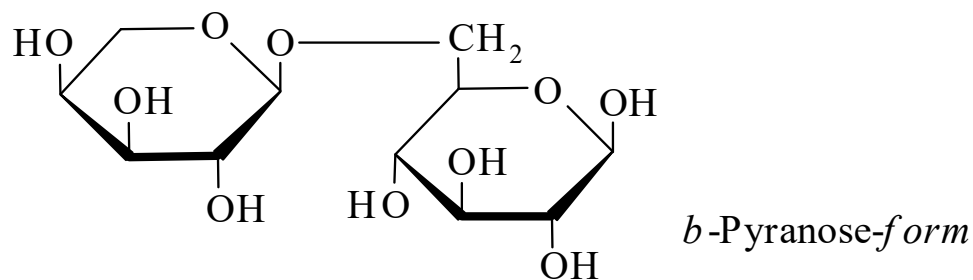




>>Entry Name: 6-*O*- α -L-Arabinopyranosyl-D-glucose, 9Cl, 8Cl

Synonym(s): Vicianose



CAS Registry Number: 14116-69-9

Molecular Formula: C₁₁H₂₀O₁₀

Molecular Weight: 312.273

Accurate Mass: 312.10565

Percentage Composition: C 42.31%; H 6.46%; O 51.24%

Biological Source: Occurs in Gein [BTZ99-Q](#)

Melting Point: Mp 210 dec.°

Optical Rotation: $[\alpha]_D^{20} +56.5 \rightarrow +39.7$ (H₂O)

>>Variant: β -Pyranose-form

Molecular Formula: C₁₁H₂₀O₁₀

Molecular Weight: 312.273

Accurate Mass: 312.10565

Percentage Composition: C 42.31%; H 6.46%; O 51.24%

>>Derivative: Hepta-Ac

CAS Registry Number: 14260-08-3

Molecular Formula: C₂₅H₃₄O₁₇

Molecular Weight: 606.533

Accurate Mass: 606.179605

Percentage Composition: C 49.51%; H 5.65%; O 44.84%

Melting Point: Mp 158.5-160.5°

Optical Rotation: $[\alpha]_D +15$ (CHCl₃)

>>Derivative: Benzyl glycoside

Synonym(s): Benzyl β -vicianoside

CAS Registry Number: 148031-67-8

Molecular Formula: C₁₈H₂₆O₁₀

Molecular Weight: 402.397

Accurate Mass: 402.1526

Percentage Composition: C 53.73%; H 6.51%; O 39.76%

Biological Source: Constit. of the fruit of *Passiflora edulis*

References:

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