



>>>Derivative: 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 4)- α -L-rhamnopyranosyl-(1 $\rightarrow$ 2)-[α -L-rhamnopyranosyl-(1 $\rightarrow$ 4)]- β -D-glucopyranoside]

Synonym(s): Nocturnoside B

CAS Registry Number: 166604-02-0

Molecular Formula: C₅₁H₈₂O₂₀

Molecular Weight: 1015.197

Accurate Mass: 1014.53995

Percentage Composition: C 60.34%; H 8.14%; O 31.52%

Biological Source: Constit. of *Cestrum nocturnum*

Physical Description: Cryst.

Melting Point: Mp 210-215° (sinters)

Optical Rotation: [α]_D²⁴ -72.9 (c, 0.1 in MeOH)

>>>Derivative: 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 4)- α -L-rhamnopyranosyl-(1 $\rightarrow$ 4)-[α -L-rhamnopyranosyl-(1 $\rightarrow$ 2)]- β -D-glucopyranoside]

Synonym(s): Parissaponin P_b

CAS Registry Number: 96156-16-0

Molecular Formula: C₅₁H₈₂O₂₀

Molecular Weight: 1015.197

Accurate Mass: 1014.53995

Percentage Composition: C 60.34%; H 8.14%; O 31.52%

Biological Source: Constit. of *Polygonatum polyphylla*

Physical Description: Needles

Melting Point: Mp 203-206 dec.°

Optical Rotation: [α]_D -113.4 (c, 0.57 in MeOH)

>>>Derivative: 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 3)- α -L-rhamnopyranosyl-(1 $\rightarrow$ 4)-[β -D-glucopyranosyl-(1 $\rightarrow$ 2)]- α -L-rhamnopyranoside]

Synonym(s): Polyphyllin F

CAS Registry Number: 76296-74-7

Molecular Formula: C₅₁H₈₂O₂₀

Molecular Weight: 1015.197

Accurate Mass: 1014.53995

Percentage Composition: C 60.34%; H 8.14%; O 31.52%

Biological Source: Constit. of *Polygonatum polyphylla*

>>>Derivative: 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 3)-[β -D-galactopyranosyl-(1 $\rightarrow$ 4)- β -D-glucopyranosyl-(1 $\rightarrow$ 2)]- β -D-glucopyranoside]

Synonym(s): Melongoside K

CAS Registry Number: 94696-62-5

Molecular Formula: C₅₁H₈₂O₂₂

Molecular Weight: 1047.196

Accurate Mass: 1046.52978

Percentage Composition: C 58.50%; H 7.89%; O 33.61%

Biological Source: Constit. of *Solanum melongena*

>>>Derivative: 3-*O*-[β -D-Glucopyranosyl-(1 $\rightarrow$ 4)- α -L-rhamnopyranosyl-(1 $\rightarrow$ 4)-[α -L-rhamnopyranosyl-(1 $\rightarrow$ 2)]- β -D-glucopyranoside]

CAS Registry Number: 113576-37-7

Molecular Formula: C₅₁H₈₂O₂₁

Molecular Weight: 1031.196

Accurate Mass: 1030.534865

Percentage Composition: C 59.40%; H 8.01%; O 32.58%

Biological Source: Constit. of *Allium vineale*

Biological Use/Importance: Molluscicidal agent

Calculated Log P Data: Log P -1.7 (uncertain value) (calc)