



CAS Registry Number: 75556-25-1

Molecular Formula: C₄₅H₇₄O₁₈

Molecular Weight: 903.069

Accurate Mass: 902.48752

Percentage Composition: C 59.85%; H 8.26%; O 31.89%

Biological Source: Constit. of *Lycopersicum esculentum*

Physical Description: Cryst.

Melting Point: Mp 267-270 dec.°

Optical Rotation: [α]_D²⁰ -50.5 (c, 0.9 in Py)

>>**Derivative:** 3-*O*-[β -D-Galactopyranosyl-(1→2)-[β -D-xylopyranosyl-(1→3)]- β -D-glucopyranosyl-(1→4)- β -D-galactopyranoside]

CAS Registry Number: 168038-87-7

Molecular Formula: C₅₀H₈₂O₂₂

Molecular Weight: 1035.185

Accurate Mass: 1034.52978

Percentage Composition: C 58.01%; H 7.98%; O 34.00%

Biological Source: Constit. of *Dichelostemma multiflorum*

Physical Description: Amorph. powder

Optical Rotation: [α]_D²⁸ -7.3 (c, 0.1 in CHCl₃/MeOH)

>>**Derivative:** 3-*O*-[β -D-Glucopyranosyl-(1→2)-[β -D-glucopyranosyl-(1→3)]-6-*O*-acetyl- β -D-glucopyranosyl-(1→4)- β -D-galactopyranoside]

Synonym(s): Neomacrostemonoside D

CAS Registry Number: 226713-77-5

Molecular Formula: C₅₃H₈₆O₂₄

Molecular Weight: 1107.248

Accurate Mass: 1106.55091

Percentage Composition: C 57.49%; H 7.83%; O 34.68%

Biological Source: Constit. of *Allium chinense*

Physical Description: Amorph. powder

Melting Point: Mp 272-274°

>>**Derivative:** 3-*O*-[β -D-Xylopyranosyl-(1→3)-[α -L-arabinopyranosyl-(1→2)]- β -D-glucopyranosyl-(1→4)-[α -L-rhamnopyranosyl-(1→2)]- β -D-galactopyranoside]

Synonym(s): Chloromaloside D

CAS Registry Number: 133097-98-0

Molecular Formula: C₅₅H₉₀O₂₅

Molecular Weight: 1151.301

Accurate Mass: 1150.577125

Percentage Composition: C 57.38%; H 7.88%; O 34.74%

Biological Source: Constit. of *Chlorophytum malayense*

Physical Description: Powder (EtOH)

Melting Point: Mp 290-293°

Optical Rotation: [α]_D²⁸ -21.6 (c, 0.2 in Py)

>>**Derivative:** 3-*O*-[β -D-Xylopyranosyl-(1→2)-[β -D-xylopyranosyl-(1→3)]- β -D-glucopyranosyl-(1→4)-[α -L-rhamnopyranosyl-(1→2)]- β -D-galactopyranoside]

Synonym(s): Tribulosin

CAS Registry Number: 79974-46-2

Molecular Formula: C₅₅H₉₀O₂₅

Molecular Weight: 1151.301

Accurate Mass: 1150.577125

Percentage Composition: C 57.38%; H 7.88%; O 34.74%

Biological Source: Constit. of *Tribulus terrestris*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 300°

Optical Rotation: [α]_D -61 (Py)