



Percentage Composition: C 64.38%; H 8.43%; O 27.19%

Biological Source: Constit. of *Momordica cochinchinensis*

Physical Description: Powder (MeOH)

Melting Point: Mp 235-240 dec.°

Optical Rotation: $[\alpha]_D^{16} +28$ (c, 0.4 in CHCl₃/MeOH aq.)

>>Derivative: 3-*O*-[α-L-Arabinopyranosyl-(1→3)-6-*O*-methyl-β-D-glucuronopyranoside]

Synonym(s): Momordin Ia

CAS Registry Number: 95851-46-0

Molecular Formula: C₄₂H₆₆O₁₃

Molecular Weight: 778.976

Accurate Mass: 778.450345

Percentage Composition: C 64.76%; H 8.54%; O 26.70%

Biological Source: Constit. of *Aralia armata* and *Momordica cochinchinensis*

Physical Description: Powder (Me₂CO)

Optical Rotation: $[\alpha]_D^{22} +28.2$ (c, 0.99 in MeOH)

>>Derivative: 3-*O*-[α-L-Arabinopyranosyl-(1→4)-β-D-glucuronopyranoside]

Synonym(s): Narcissiflorin. Tarasaponin VI‡

CAS Registry Number: 59252-95-8

Molecular Formula: C₄₁H₆₄O₁₃

Molecular Weight: 764.949

Accurate Mass: 764.434695

Percentage Composition: C 64.38%; H 8.43%; O 27.19%

Biological Source: Constit. of *Anemone narcissiflora* and *Arabis armata*

Physical Description: Cryst.

Melting Point: Mp 232-234°

Optical Rotation: $[\alpha]_D^{29} -7.32$ (c, 0.87 in MeOH)

>>Derivative: 3-*O*-[β-D-Xylopyranosyl-(1→2)-β-D-glucuronopyranoside]

Synonym(s): Pseudoginsenoside RP₁

CAS Registry Number: 96158-07-5

Molecular Formula: C₄₁H₆₄O₁₃

Molecular Weight: 764.949

Accurate Mass: 764.434695

Percentage Composition: C 64.38%; H 8.43%; O 27.19%

Physical Description: Needles (MeOH)

Melting Point: Mp 230-232°

Optical Rotation: $[\alpha]_D^{20} +2.1$ (c, 1 in MeOH)

>>Derivative: 3-*O*-[β-D-Xylopyranosyl-(1→3)-β-D-glucuronopyranoside]

Synonym(s): Momordin Ic

CAS Registry Number: 96990-18-0

Biological Source: Constit. of *Momordica cochinchinensis* and *Kochia scoparia*

Physical Description: Powder (MeOH)

Melting Point: Mp 240° (dec.)

Optical Rotation: $[\alpha]_D^{21} +15.4$ (c, 1.03 in MeOH)

>>Derivative: 3-*O*-[β-D-Xylopyranosyl-(1→4)-β-D-glucuronopyranoside]

CAS Registry Number: 77521-62-1

Molecular Formula: C₄₁H₆₄O₁₃

Molecular Weight: 764.949

Accurate Mass: 764.434695

Percentage Composition: C 64.38%; H 8.43%; O 27.19%

Biological Source: Constit. of *Melanthera scandens*