>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→2)-β-D-glucopyranoside], 23-*O*-β-D-glucopyranoside
Synonym(s): Hosenkoside A

CAS Registry Number: 156791-82-1
Type of Compound Code(s): VS8230
Molecular Formula: $C_{48}H_{82}O_{20}$
Molecular Weight: 979.164
Accurate Mass: 978.53995
Percentage Composition: C 58.88%; H 8.44%; O 32.68%
Biological Source: Constit. of *Impatiens balsamina*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 234-236°
Optical Rotation: $[\alpha]_D^{20}$+20.9 (c, 1.3 in Py)

>>**Derivative:** 3-*O*-[β-D-Xylopyranosyl-(1→2)-β-D-glucopyranoside], 29-*O*-β-D-glucopyranoside
Synonym(s): Hosenkoside L

Type of Compound Code(s): VS8230
Molecular Formula: $C_{47}H_{80}O_{19}$
Molecular Weight: 949.138
Accurate Mass: 948.529385
Percentage Composition: C 59.48%; H 8.50%; O 32.03%
Biological Source: Constit. of *Impatiens balsamina*
Physical Description: Cryst.
Melting Point: Mp 220-222°
Optical Rotation: $[\alpha]_D^{20}$+23.1 (c, 7.5 in MeOH)

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→2)-β-D-glucopyranoside], 23,29-di-*O*-β-D-glucopyranoside
Synonym(s): Hosenkoside K

Type of Compound Code(s): VS8230
Molecular Formula: $C_{54}H_{92}O_{25}$
Molecular Weight: 1141.306
Accurate Mass: 1140.592775
Percentage Composition: C 56.83%; H 8.12%; O 35.05%
Biological Source: Constit. of *Impatiens balsamina*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 160-162°
Optical Rotation: $[\alpha]_D^{20}$+16.3 (c, 7 in MeOH)

>>**Derivative:** 3-*O*-[β-D-Xylopyranosyl-(1→2)-β-D-glucopyranoside], 23,29-di-*O*-β-D-glucopyranoside
Synonym(s): Hosenkoside M

Type of Compound Code(s): VS8230
Molecular Formula: $C_{53}H_{90}O_{24}$
Molecular Weight: 1111.28
Accurate Mass: 1110.58221
Percentage Composition: C 57.28%; H 8.16%; O 34.55%
Biological Source: Constit. of *Impatiens balsamina*
Physical Description: Cryst.
Melting Point: Mp 198-200°
Optical Rotation: $[\alpha]_D^{20}$+21.7 (c, 5.6 in MeOH)

References:

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