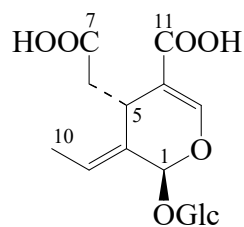




>>Entry Name: Oleoside



CAS Registry Number: 178600-68-5

Molecular Formula: $C_{16}H_{22}O_{11}$

Molecular Weight: 390.343

Accurate Mass: 390.116215

Percentage Composition: C 49.23%; H 5.68%; O 45.09%

as Oleoside in some papers

>>Derivative: 11-Me ester

Synonym(s): Oleoside 11-methyl ester

CAS Registry Number: 60539-23-3

Molecular Formula: $C_{17}H_{24}O_{11}$

Molecular Weight: 404.37

Accurate Mass: 404.131865

Percentage Composition: C 50.50%; H 5.98%; O 43.52%

Biological Source: Constit. of *Jasminum polyanthum* and *Jasminum sambac*

Physical Description: Amorph. solid

Optical Rotation: $[\alpha]_D^{24} -176$ (c, 0.3 in MeOH)

>>Derivative: Di-Me ester

Synonym(s): Oleoside dimethyl ester. Secologanoside 7-methyl ester

CAS Registry Number: 30164-95-5

Molecular Formula: $C_{18}H_{26}O_{11}$

Molecular Weight: 418.397

Accurate Mass: 418.147515

Percentage Composition: C 51.67%; H 6.26%; O 42.06%

Biological Source: Constit. of *Olea europaea*, *Jasminum polyanthum*, *Fraxinus excelsio* and *Osmanthus asiaticus*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D -115$ (MeOH)

Other Data: The name Secologanoside 7-methyl ester ($\Delta^{8(9)}$) is not consistent with the struct. of Secologanin [JSS38-R](#) ($\Delta^{8(10)}$)

>>Derivative: 7- β -D-Glucopyranosyl ester, 11-Me ester

Synonym(s): Methyl glucooleoside

CAS Registry Number: 115623-36-4

Molecular Formula: $C_{23}H_{34}O_{16}$

Molecular Weight: 566.512

Accurate Mass: 566.18469

Percentage Composition: C 48.76%; H 6.05%; O 45.19%

Biological Source: Constit. of *Ligustrum japonicum*, *Jasminum polyanthum*, *Syringa vulgaris* and *Fraxinus excelsior*

Physical Description: Powder

Optical Rotation: $[\alpha]_D^{16} -164.7$ (c, 0.51 in MeOH)

>>Derivative: 1,5-Diepimer, 11-Me ester

Synonym(s): Jaspolside

CAS Registry Number: 180063-39-2

Molecular Formula: $C_{17}H_{24}O_{11}$

Molecular Weight: 404.37

Accurate Mass: 404.131865

Percentage Composition: C 50.50%; H 5.98%; O 43.52%

Biological Source: Constit. of *Jasminum polyanthum*

Physical Description: Amorph. solid

Optical Rotation: $[\alpha]$