



>>>Derivative: 7-*O*- α -L-Rhamnopyranoside

Synonym(s): Galangin 7-rhamnoside

CAS Registry Number: 72463-31-1

Molecular Formula: C₂₁H₂₀O₉

Molecular Weight: 416.384

Accurate Mass: 416.110735

Percentage Composition: C 60.58%; H 4.84%; O 34.58%

Biological Source: Isol. from *Artocarpus lakoocha*

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

CAS Registry Number: 73030-72-5

Molecular Formula: C₂₇H₃₀O₁₄

Molecular Weight: 578.526

Accurate Mass: 578.16356

Percentage Composition: C 56.06%; H 5.23%; O 38.72%

Biological Source: Isol. from *Artocarpus lakoocha*

Melting Point: Mp 85-87°

>>>Derivative: 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 6)- β -D-glucopyranoside]

Synonym(s): Galanginoside. Galangin 3-rutinoside

CAS Registry Number: 16268-50-1

Molecular Formula: C₂₇H₃₀O₁₄

Molecular Weight: 578.526

Accurate Mass: 578.16356

Percentage Composition: C 56.06%; H 5.23%; O 38.72%

Biological Source: Isol. from *Datisca cannabina*

>>>Derivative: 3,7-Di-*O*- α -L-rhamnopyranoside

Synonym(s): Celastroside. Celastrozide

CAS Registry Number: 120976-46-7

Molecular Formula: C₂₇H₃₀O₁₃

Molecular Weight: 562.526

Accurate Mass: 562.168645

Percentage Composition: C 57.65%; H 5.38%; O 36.97%

Biological Source: Isol. from a plant sp.

Other Data: Lit. not accessible

>>>Derivative: 3-Me ether

Synonym(s): 5,7-Dihydroxy-3-methoxyflavone

CAS Registry Number: 6665-74-3

Molecular Formula: C₁₆H₁₂O₅

Molecular Weight: 284.268

Accurate Mass: 284.068475

Percentage Composition: C 67.60%; H 4.25%; O 28.14%

Biological Source: Occurs in Galanga root, also isol. from *Populus nigra* and others

Physical Description: Light yellow cryst. (MeOH)

Melting Point: Mp 299°

>>>Derivative: 3-Me ether, 7-*O*- β -D-glucopyranoside

Molecular Formula: C₂₂H₂₂O₁₀

Molecular Weight: 446.41

Accurate Mass: 446.1213

Percentage Composition: C 59.19%; H 4.97%; O 35.84%

Biological Source: Isol. from *Calluna vulgaris*