



>>Derivative: 7-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 6)- β -D-glucopyranoside]

CAS Registry Number: 137196-24-8

Molecular Formula: C₂₇H₃₀O₁₆

Molecular Weight: 610.524

Accurate Mass: 610.15339

Percentage Composition: C 53.12%; H 4.95%; O 41.93%

Biological Source: Isol. from *Sapium eugeniaefolium*

Physical Description: Pale yellow needles (MeOH)

Melting Point: Mp 247-248°

>>Derivative: 7-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 6)- β -D-glucopyranoside], 6-*O*- β -D-glucopyranoside

CAS Registry Number: 145134-63-0

Molecular Formula: C₃₃H₄₀O₂₁

Molecular Weight: 772.666

Accurate Mass: 772.206215

Percentage Composition: C 51.30%; H 5.22%; O 43.48%

Biological Source: Isol. from the dried petals of *Chrysactinia tinctorius*

Physical Description: Yellow plates (MeOH)

Melting Point: Mp 205-207°

>>Derivative: 3,6,7-Tri-*O*- β -D-glucopyranoside

CAS Registry Number: 145134-62-9

Molecular Formula: C₃₃H₄₀O₂₂

Molecular Weight: 788.666

Accurate Mass: 788.20113

Percentage Composition: C 50.26%; H 5.11%; O 44.63%

Biological Source: Isol. from the dried petals of *Chrysactinia tinctorius*

Physical Description: Yellow needles (MeOH)

Melting Point: Mp 202-205°

>>Derivative: 3-Me ether

Synonym(s): 4',5,6,7-Tetrahydroxy-3-methoxyflavone

CAS Registry Number: 76060-25-8

Molecular Formula: C₁₆H₁₂O₇

Molecular Weight: 316.267

Accurate Mass: 316.058305

Percentage Composition: C 60.76%; H 3.82%; O 35.41%

Biological Source: Isol. from the leaves of *Neurolaena oaxacana*

Physical Description: No phys. props. reported

>>Derivative: 3-Me ether, 7-sulfate

CAS Registry Number: 78876-28-5

Molecular Formula: C₁₆H₁₂O₁₀S

Molecular Weight: 396.331

Accurate Mass: 396.01512

Percentage Composition: C 48.49%; H 3.05%; O 40.37%; S 8.09%

Biological Source: Constit. of *Neurolaena lobata*

>>Derivative: 3-Me ether, 6-*O*- β -D-glucopyranoside

CAS Registry Number: 76060-28-1

Molecular Formula: C₂₂H₂₂O₁₂

Molecular Weight: 478.409

Accurate Mass: 478.11113

Percentage Composition: C 55.23%; H 4.63%; O 40.13%

Biological Source: Isol. from *Neurolaena oaxacana* and *Pulicaria dysenterica*

Physical Description: No phys. props. reported