



Molecular Formula: C₁₆H₁₄O₆
Molecular Weight: 302.283
Accurate Mass: 302.07904
Percentage Composition: C 63.57%; H 4.67%; O 31.76%
Biological Source: Constit. of *Schultesia lisianthoides* (Gentianaceae)
Physical Description: Light yellow powder
Melting Point: Mp 192-195°
UV: [neutral] λ_{max} 249 (ε 25700); 260 (sh) (ε 4570); 285 (sh) (ε 4570); 347 (ε 4570) (MeOH)

>>Derivative: 2,3,5-Tri-Me ether
Synonym(s): 1-Hydroxy-2,3,5-trimethoxyxanthone

CAS Registry Number: 22804-49-5

Molecular Formula: C₁₆H₁₄O₆
Molecular Weight: 302.283
Accurate Mass: 302.07904
Percentage Composition: C 63.57%; H 4.67%; O 31.76%
Biological Source: Isol. from *Frasera caroliniensis* and *Frasera albicaulis*
Melting Point: Mp 190°

>>Derivative: 2,3,5-Tri-Me ether, 1-*O*-β-D-glucopyranoside

CAS Registry Number: 125140-11-6

Molecular Formula: C₂₂H₂₄O₁₁
Molecular Weight: 464.425
Accurate Mass: 464.131865
Percentage Composition: C 56.90%; H 5.21%; O 37.89%
Biological Source: Constit. of *Halenia elliptica*

>>Derivative: 2,3,5-Tri-Me ether, 1-*O*-[β-D-glucopyranosyl-(1→6)-β-D-glucopyranoside]

CAS Registry Number: 136364-70-0

Molecular Formula: C₂₈H₃₄O₁₆
Molecular Weight: 626.567
Accurate Mass: 626.18469
Percentage Composition: C 53.67%; H 5.47%; O 40.86%
Biological Source: Constit. of *Halenia campanulata* and *Halenia corniculata*
Physical Description: Powder
Melting Point: Mp 173-175°

>>Derivative: 2,3,5-Tri-Me ether, 1-*O*-[β-D-xylofuranosyl-(1→6)-β-D-glucopyranoside]

CAS Registry Number: 136364-71-1

Molecular Formula: C₂₇H₃₂O₁₅
Molecular Weight: 596.541
Accurate Mass: 596.174125
Percentage Composition: C 54.36%; H 5.41%; O 40.23%
Biological Source: Constit. of *Halenia* sp.

>>Derivative: 2,3,5-Tri-Me ether, 1-*O*-[β-D-xylopyranosyl-(1→6)-β-D-glucopyranoside]

CAS Registry Number: 113278-19-6

Molecular Formula: C₂₇H₃₂O₁₅
Molecular Weight: 596.541
Accurate Mass: 596.174125
Percentage Composition: C 54.36%; H 5.41%; O 40.23%
Biological Source: Constit. of *Halenia campanulata* and *Halenia elliptica*
Physical Description: Powder
Melting Point: Mp 212-214°