



Percentage Composition: C 69.71%; H 3.76%; O 26.53%

Melting Point: Mp 191-192°

>>**Derivative:** Tribenzoyl, Me ester

Molecular Formula: C₂₉H₂₀O₈

Molecular Weight: 496.472

Accurate Mass: 496.11582

Percentage Composition: C 70.16%; H 4.06%; O 25.78%

Melting Point: Mp 139°

>>**Derivative:** 3-Me ether

Synonym(s): 3,4-Dihydroxy-5-methoxybenzoic acid

CAS Registry Number: 3934-84-7

Molecular Formula: C₈H₈O₅

Molecular Weight: 184.148

Accurate Mass: 184.037175

Percentage Composition: C 52.18%; H 4.38%; O 43.44%

Biological Source: Isol. from *Geranium collinum* and leaves of *Atraphaxis frutescens*

Melting Point: Mp 220° (197°)

Other Data: Mp also reported as 131-132°

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

CAS Registry Number: 191481-09-1

Molecular Formula: C₁₄H₁₈O₁₀

Molecular Weight: 346.29

Accurate Mass: 346.09

Percentage Composition: C 48.56%; H 5.24%; O 46.20%

Biological Source: Constit. of *Tabernaemontana cymosa*

Physical Description: Amorph.

Optical Rotation: [α]_D -56 (c, 0.9 in MeOH)

UV: [neutral] $\lambda_{\max}$ 211 (log ϵ 4.41); 259 (log ϵ 3.91) (MeOH) [neutral] $\lambda_{\max}$ 211 (ϵ 25700); 259 (ϵ 8130) (MeOH) (Berdy) [acid] $\lambda_{\max}$ 216 (ϵ 23442); 266 (ϵ 9120) (MeOH-HCl) (Berdy) [base] $\lambda_{\max}$ 203 (ϵ 41700); 293 (ϵ 12000) (MeOH-NAOH) (Berdy)

>>**Derivative:** 3-Me ether, Me ester

CAS Registry Number: 3934-86-9

Molecular Formula: C₉H₁₀O₅

Molecular Weight: 198.175

Accurate Mass: 198.052825

Percentage Composition: C 54.55%; H 5.09%; O 40.37%

Biological Source: Isol. from *Myricaria alopecuroides*

>>**Derivative:** 3-Me ether, 5-*O*-sulfate

CAS Registry Number: 223461-51-6

Molecular Formula: C₈H₈O₈S

Molecular Weight: 264.212

Accurate Mass: 263.99399

Percentage Composition: C 36.37%; H 3.05%; O 48.44%; S 12.14%

Biological Source: Constit. of the flowers of *Tamarix amplexicaulis*

Other Data: Isol. as K salt to which registry number refers