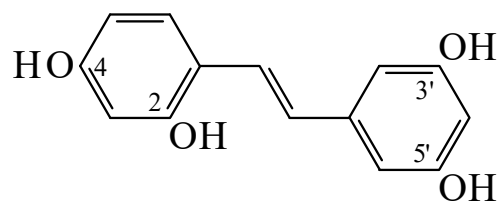




>>Entry Name: 1-(2,4-Dihydroxyphenyl)-2-(3,5-dihydroxyphenyl)ethylene

Synonym(s): 4-[2-(3,5-Dihydroxyphenyl)ethenyl]-1,3-benzenediol, 9Cl. 2,3',4,5'-Stilbenetetrol, 8Cl. 2,3',4,5'-Tetrahydroxystilbene. **Oxyresveratrol**. Cudranin



CAS Registry Number: 4721-07-7

Molecular Formula: C₁₄H₁₂O₄

Molecular Weight: 244.246

Accurate Mass: 244.07356

Percentage Composition: C 68.85%; H 4.95%; O 26.20%

UV: [neutral] λ_{max} 218 (ε 25000); 301 (ε 19700); 330 (ε 27100) (EtOH) (Berdy)

>>Variant: (*E*)-form

CAS Registry Number: 29700-22-9

Type of Compound Code(s): VG4000

Molecular Formula: C₁₄H₁₂O₄

Molecular Weight: 244.246

Accurate Mass: 244.07356

Percentage Composition: C 68.85%; H 4.95%; O 26.20%

Biological Source: Constit. of *Morus* spp., *Artocarpus* spp. and *Chlorophora regia*

Biological Use/Importance: Shows antifungal activity

Melting Point: Mp 205°

>>Derivative: 3'-*O*-β-D-Glucopyranoside

CAS Registry Number: 144525-40-6

Type of Compound Code(s): VG4000

Molecular Formula: C₂₀H₂₂O₉

Molecular Weight: 406.388

Accurate Mass: 406.126385

Percentage Composition: C 59.11%; H 5.46%; O 35.43%

Biological Source: Isol. from *Veratrum grandiflorum* treated with CuCl₂; also from *Morus alba*

Physical Description: Powder (H₂O)

Melting Point: Mp 155-157°

Optical Rotation: [α]_D²² -5.5 (c, 0.3 in MeOH)

>>Derivative: 3',4-Di-*O*-β-D-glucopyranoside

Synonym(s): Mulberroside A

CAS Registry Number: 102841-42-9

Type of Compound Code(s): VG4000

Molecular Formula: C₂₆H₃₂O₁₄

Molecular Weight: 568.53

Accurate Mass: 568.17921

Percentage Composition: C 54.93%; H 5.67%; O 39.40%

Biological Source: From *Morus lhou*

Physical Description: Amorph. powder

Optical Rotation: [α]_D²⁵ -78 (c, 0.88 in MeOH)

>>Derivative: Tetra-Ac

Molecular Formula: C₂₂H₂₀O₈

Molecular Weight: 412.395

Accurate Mass: 412.11582

Percentage Composition: C 64.07%; H 4.89%; O 31.04%

Melting Point: Mp 142°