>>**Derivative:** 4'-*O*-β-D-Glucopyranoside
Synonym(s): Resveratroloside

CAS Registry Number: 38963-95-0
Type of Compound Code(s): WI2700 VG4000
Molecular Formula: $C_{20}H_{22}O_8$
Molecular Weight: 390.389
Accurate Mass: 390.13147
Percentage Composition: C 61.53%; H 5.68%; O 32.79%
Biological Source: Constit. of *Rhizoma rhei* and *Pinus sibirica*
Melting Point: Mp 235-238°
Optical Rotation: $[\alpha]_D^{20}$ –72 (c, 0.125 in EtOH)

>>**Derivative:** 4'-*O*-[3,4,5-Trihydroxybenzoyl-(→2)-β-D-glucopyranoside]
Synonym(s): Resveratrol 4'-(2-galloylglucoside)

CAS Registry Number: 105304-51-6
Type of Compound Code(s): VM6000 VG4000 WI2700
Molecular Formula: $C_{27}H_{26}O_{12}$
Molecular Weight: 542.495
Accurate Mass: 542.14243
Percentage Composition: C 59.78%; H 4.83%; O 35.39%
Biological Source: Isol. from commercial rhubarbs (*Rhizoma* spp.)
Physical Description: Amorph. powder + $1H_2O$
Optical Rotation: $[\alpha]_D^{27}$ +25.2 (c, 0.69 in Me_2CO)

>>**Derivative:** 4'-*O*-[3,4,5-Trihydroxybenzoyl-(→6)-β-D-glucopyranoside]
Synonym(s): Resveratrol 4'-(6-galloylglucoside)

CAS Registry Number: 64898-03-9
Type of Compound Code(s): WI2700 VG4000 VM6000
Molecular Formula: $C_{27}H_{26}O_{12}$
Molecular Weight: 542.495
Accurate Mass: 542.14243
Percentage Composition: C 59.78%; H 4.83%; O 35.39%
Biological Source: Isol from coml. Japanese rhubarbs (*Rhizoma* spp.)
Physical Description: Pale brown needles + $½H_2O$ ($CHCl_3$/MeOH)
Melting Point: Mp 258°
Optical Rotation: $[\alpha]_D^{20}$ –86 (c, 1.0 in MeOH)

>>**Derivative:** Tri-Ac
Synonym(s): Triacetylresveratrol. Resveratrol triacetate

CAS Registry Number: 42206-94-0
Type of Compound Code(s): VG4000
Molecular Formula: $C_{20}H_{18}O_6$
Molecular Weight: 354.359
Accurate Mass: 354.11034
Percentage Composition: C 67.79%; H 5.12%; O 27.09%
Biological Source: Isol. from the sponge *Kirkpatrickia variolosa*
Physical Description: Cryst. ($CHCl_3$/MeOH)
Melting Point: Mp 130° (118.5-119.5°)
UV: [neutral] λ_{max} 300 (ε 25120); 312 (ε 24550); 326 (ε 14450) (EtOH) [neutral] λ_{max} 300 (ε 25118); 312 (ε 24547); 326 (ε 14455) (MeOH) (Berdy)

>>**Derivative:** 3-Me ether
Synonym(s): 3-[(4-Hydroxyphenyl)ethenyl]-5-methoxyphenol. 1-(4-Hydroxyphenyl)-2-(3-hydroxy-5-methoxyphenyl)ethylene. 3,4'-Dihydroxy-5-methoxystilbene. **Pinostilbene**

CAS Registry Number: 42438-89-1
Type of Compound Code(s): VG4000
Molecular Formula: $C_{15}H_{14}O_3$
Molecular Weight: 242.274
Accurate Mass: 242.094295
Percentage Composition: C 74.36%; H 5.82%; O 19.81%
Biological Source: Constit. of the bark of *Pinus sibirica*
Melting Point: Mp 117-118°