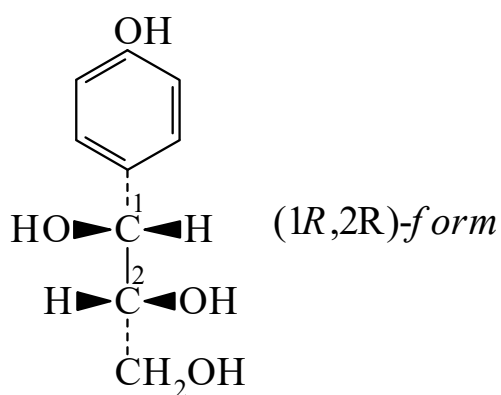




>>Entry Name: 1-(4-Hydroxyphenyl)-1,2,3-propanetriol, 9CI

Synonym(s): 1-(4-Hydroxyphenyl)glycerol



CAS Registry Number: 22805-48-7

Related CAS Registry Numbers(s): 25743-67-3

Molecular Formula: C₉H₁₂O₄

Molecular Weight: 184.191

Accurate Mass: 184.07356

Percentage Composition: C 58.69%; H 6.57%; O 34.75%

>>Variant: (1*R*,2*R*)-form

Synonym(s): (–)-*threo*-form

CAS Registry Number: 84799-28-0

Molecular Formula: C₉H₁₂O₄

Molecular Weight: 184.191

Accurate Mass: 184.07356

Percentage Composition: C 58.69%; H 6.57%; O 34.75%

Melting Point: Mp 144-146°

Optical Rotation: $[\alpha]_{\text{D}}^{23} -33.8$ (c, 1.2 in EtOH)

>>Variant: (1*S*,2*R*)-form

Synonym(s): (+)-*erythro*-form

CAS Registry Number: 84822-96-8

Molecular Formula: C₉H₁₂O₄

Molecular Weight: 184.191

Accurate Mass: 184.07356

Percentage Composition: C 58.69%; H 6.57%; O 34.75%

Melting Point: Mp 140-141°

Optical Rotation: $[\alpha]_{\text{D}}^{23} +21.3$ (c, 0.6 in EtOH)

>>Variant: (1*R**S*,2*R**S*)-form

Synonym(s): (±)-*threo*-form

CAS Registry Number: 25743-67-3

Molecular Formula: C₉H₁₂O₄

Molecular Weight: 184.191

Accurate Mass: 184.07356

Percentage Composition: C 58.69%; H 6.57%; O 34.75%

Biological Source: Constit. of *Pinus massoniana* and *Pinus sylvestris*

>>Variant: (1*R**S*,2*S**R*)-form

Synonym(s): (±)-*erthyro*-form

CAS Registry Number: 38916-91-5

Molecular Formula: C₉H₁₂O₄

Molecular Weight: 184.191

Accurate Mass: 184.07356

Percentage Composition: C 58.69%; H 6.57%; O 34.75%

Biological Source: Constit. of *Pinus sylvestris*

Melting Point: Mp 149-151°