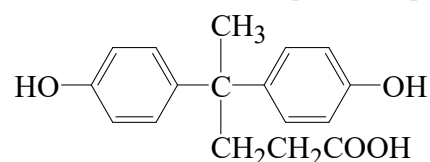




>>Entry Name: 4,4-Bis(4-hydroxyphenyl)pentanoic acid

Synonym(s): 4-Hydroxy- γ -(4-hydroxyphenyl)- γ -methylbenzenebutanoic acid, 9CI. 4,4-Bis(*p*-hydroxyphenyl)valeric acid, 8CI



CAS Registry Number: 126-00-1

Related CAS Registry Numbers(s): 2718-59-4 90850-72-9

Molecular Formula: C₁₇H₁₈O₄

Molecular Weight: 286.327

Accurate Mass: 286.12051

Percentage Composition: C 71.31%; H 6.34%; O 22.35%

Physical Description: Glass (Et₂O) or cryst.

Melting Point: Mp 90°. Mp 170° (dimorph.)

Aldrich: B4770-7

Rare Chemicals Library: S34228-9

>>Derivative: Me ester

CAS Registry Number: 7297-85-0

Molecular Formula: C₁₈H₂₀O₄

Molecular Weight: 300.354

Accurate Mass: 300.13616

Percentage Composition: C 71.98%; H 6.71%; O 21.31%

Melting Point: Mp 85°. Mp 131° (dimorph.)

Other Data: The lower Mp probably refers to the trihydrate

>>Derivative: Et ester

CAS Registry Number: 7297-86-1

Molecular Formula: C₁₉H₂₂O₄

Molecular Weight: 314.38

Accurate Mass: 314.15181

Percentage Composition: C 72.59%; H 7.05%; O 20.36%

Physical Description: Solid (EtOAc/petrol)

Melting Point: Mp 128°

Rare Chemicals Library: S34813-9

>>Derivative: Butyl ester

CAS Registry Number: 7297-88-3

Molecular Formula: C₂₁H₂₆O₄

Molecular Weight: 342.434

Accurate Mass: 342.18311

Percentage Composition: C 73.66%; H 7.65%; O 18.69%

Melting Point: Mp 97-100°

>>Derivative: Amide

Molecular Formula: C₁₇H₁₉NO₃

Molecular Weight: 285.342

Accurate Mass: 285.136494

Percentage Composition: C 71.56%; H 6.71%; N 4.91%; O 16.82%

Melting Point: Mp 187-188°

>>Derivative: Anilide

CAS Registry Number: 101150-16-7

Molecular Formula: C₂₃H₂₃NO₃

Molecular Weight: 361.44

Accurate Mass: 361.167794

Percentage Composition: C 76.43%; H 6.41%; N 3.88%; O 13.28%

Physical Description: Cryst. (EtOH/hexane)

Melting Point: Mp 202-204°