



>>Entry Name: Phenylmethanetriol, 9Cl

Synonym(s): Orthobenzoic acid. α -Trihydroxytoluene

CAS Registry Number: 498-68-0

PhC(OH)₃

Molecular Formula: C₇H₈O₃

Molecular Weight: 140.138

Accurate Mass: 140.047345

Percentage Composition: C 60.00%; H 5.75%; O 34.25%

>>Derivative: Tri-Me ether

Synonym(s): Trimethoxymethylbenzene, 9Cl. Trimethyl orthobenzoate, 8Cl

CAS Registry Number: 707-07-3

Molecular Formula: C₁₀H₁₄O₃

Molecular Weight: 182.219

Accurate Mass: 182.094295

Percentage Composition: C 65.92%; H 7.74%; O 26.34%

Physical Description: Liq.

Boiling Point: Bp 183-199°. Bp₂₅ 114-115°

Aldrich: 16453-4

>>Derivative: Tri-Et ether

Synonym(s): Triethoxymethylbenzene, 9Cl. Triethyl orthobenzoate, 8Cl

CAS Registry Number: 1663-61-2

Molecular Formula: C₁₃H₂₀O₃

Molecular Weight: 224.299

Accurate Mass: 224.141245

Percentage Composition: C 69.61%; H 8.99%; O 21.40%

Physical Description: Liq.

Boiling Point: Bp 240°. Bp₈ 106-109°

Aldrich: 27085-7

Fluka: 75570

Sigma: T4899

>>Derivative: Tributyl ether

Synonym(s): Tributoxymethylbenzene, 9Cl. Tributyl orthobenzoate, 8Cl

CAS Registry Number: 49758-87-4

Molecular Formula: C₁₉H₃₂O₃

Molecular Weight: 308.46

Accurate Mass: 308.235145

Percentage Composition: C 73.98%; H 10.46%; O 15.56%

Physical Description: Liq.

Boiling Point: Bp₁₃ 146-150°

References:

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