



Percentage Composition: C 74.19%; H 9.34%; O 16.47%

Use/Importance: Perfumery ingredient

Physical Description: Oil

Boiling Point: Bp 245-246°. Bp₈ 91-92°

>>**Derivative:** Ethylene acetal

Synonym(s): 2-(Phenylmethyl)-1,3-dioxolane, 9CI. 2-Benzyl-1,3-dioxolane

CAS Registry Number: 101-49-5

Molecular Formula: C₁₀H₁₂O₂

Molecular Weight: 164.204

Accurate Mass: 164.08373

Percentage Composition: C 73.15%; H 7.37%; O 19.49%

Physical Description: Oil

Boiling Point: Bp₁ 98-99°. Bp₁₂ 115-120°

Density: d₄²⁵ 1.09

Refractive Index: n_D²⁰ 1.5220

Aldrich: 29942-1

Fluka: 13415

>>**Derivative:** Bis(2-methylpropyl) acetal

Synonym(s): [2,2-Bis(2-methylpropoxy)ethyl]benzene, 9CI. FEMA 3384

CAS Registry Number: 68345-22-2

Molecular Formula: C₁₆H₂₆O₂

Molecular Weight: 250.38

Accurate Mass: 250.19328

Percentage Composition: C 76.75%; H 10.47%; O 12.78%

Physical Description: Liq.

Boiling Point: Bp 240°

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