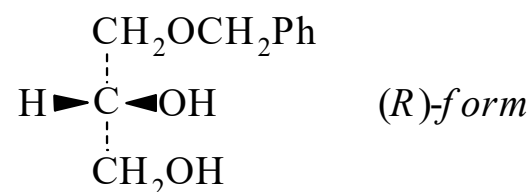




>>Entry Name: 3-Benzoyloxy-1,2-propanediol

Synonym(s): 3-(Phenylmethoxy)-1,2-propanediol, 9Cl. 1-*O*-Benzylglycerol



CAS Registry Number: 4799-67-1

Related CAS Registry Numbers(s): 13071-59-5

Molecular Formula: C₁₀H₁₄O₃

Molecular Weight: 182.219

Accurate Mass: 182.094295

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

Hazard & Toxicity: LD₅₀ (mus, scu) 1820 mg/kg

Fluka: 13742

Rare Chemicals Library: S42047-6

>>Variant: (*R*)-form

Synonym(s): 3-*O*-Benzyl-*sn*-glycerol

CAS Registry Number: 56552-80-8

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_{0.6} 134°. Bp_{0.15} 110-120°

Optical Rotation: [α]_D²⁰ +6.42 (neat)

Refractive Index: n_D²⁰ 1.5322

Aldrich: 43896-0

Fluka: 13735

Sigma: B5381

>>Variant: (*S*)-form

Synonym(s): 1-*O*-Benzyl-*sn*-glycerol

CAS Registry Number: 17325-85-8

Molecular Formula: C₁₀H₁₄O₃

Molecular Weight: 182.219

Accurate Mass: 182.094295

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

Physical Description: Oil

Boiling Point: Bp_{0.5} 125°

Optical Rotation: [α]_D −5.85 (neat)

Aldrich: 44716-1

Fluka: 13738

Sigma: B6276

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