>>**Entry Name: 2-Benzyloxy-1,3-propanediol**
Synonym(s): 2-(Phenylmethoxy)-1,3-propanediol, 9CI. 2-*O*-Benzylglycerol

CAS Registry Number: 14690-00-7
Related CAS Registry Numbers(s): 62067-18-9 92917-13-0 96997-53-4 109371-34-8 109429-00-7 109429-01-8
$PhCH_2OCH(CH_2OH)_2$

Molecular Formula: $C_{10}H_{14}O_3$
Molecular Weight: 182.219
Accurate Mass: 182.094295
Percentage Composition: C 65.92%; H 7.74%; O 26.34%
Use/Importance: Synthetic intermed.
Physical Description: Prisms (cyclohexane)
Melting Point: Mp 40-45° (36-38°)
Boiling Point: Bp_{10} 185-187°

Aldrich: 36744-3
Fluka: 13734

>>**Derivative:** Di-Ac

CAS Registry Number: 105409-38-9
Molecular Formula: $C_{14}H_{18}O_5$
Molecular Weight: 266.293
Accurate Mass: 266.115425
Percentage Composition: C 63.15%; H 6.81%; O 30.04%
Physical Description: Liq.
Boiling Point: $Bp_{0.2}$ 142°
Refractive Index: n_D^{25} 1.4884

>>**Derivative:** Dibenzoyl

CAS Registry Number: 92917-15-2
Molecular Formula: $C_{24}H_{22}O_5$
Molecular Weight: 390.435
Accurate Mass: 390.146725
Percentage Composition: C 73.83%; H 5.68%; O 20.49%
Physical Description: Cryst. (Et_2O)
Melting Point: Mp 72-75°

References:

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Chittenden, G.J.F., *Carbohydr. Res.*, 1981, **91**, 85, *(synth)*
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