



Physical Description: Amorph. solid
Optical Rotation: $[\alpha]_D^{22} -19.5$ (c, 0.5 in MeOH)
Other Data: Possesses 2*R*-config.

>>**Derivative:** 1-Octadecyl ether

>>**Derivative:** 2-Benzyl ether

Molecular Formula: C₁₀H₁₄O₃
Molecular Weight: 182.219
Accurate Mass: 182.094295
Percentage Composition: C 65.92%; H 7.74%; O 26.34%
Physical Description: Cryst. solid
Melting Point: Mp 37-39°

>>**Derivative:** 1-Ph ether
Synonym(s): 3-Phenoxy-1,2-propanediol

CAS Registry Number: 538-43-2
Molecular Formula: C₉H₁₂O₃
Molecular Weight: 168.192
Accurate Mass: 168.078645
Percentage Composition: C 64.27%; H 7.19%; O 28.54%
Melting Point: Mp 54-56°
Boiling Point: Bp 315°

Aldrich: 25781-8
Rare Chemicals Library: S40348-2

>>**Derivative:** 1-Ph ether, 3-(2-propenoyl)
Synonym(s): 2-Hydroxy-3-phenoxypropyl 2-propenoate. 2-Hydroxy-3-phenoxypropyl acryate

CAS Registry Number: 16969-10-1
Molecular Formula: C₁₂H₁₄O₄
Molecular Weight: 222.24
Accurate Mass: 222.08921
Percentage Composition: C 64.85%; H 6.35%; O 28.80%
Use/Importance: Monomer for photocurable compositions
Other Data: Not well documented

>>**Derivative:** 1,3-Bis(triphenylmethyl)
Synonym(s): 1,3-Di-*O*-tritylglycerol

Molecular Formula: C₄₁H₃₆O₃
Molecular Weight: 576.734
Accurate Mass: 576.266445
Percentage Composition: C 85.39%; H 6.29%; O 8.32%
Melting Point: Mp 181-182° (170-171°)

References: