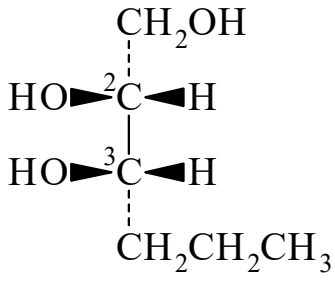
>>**Entry Name: 1,2,3-Hexanetriol,** 9CI
Synonym(s): 1-Propylglycerol. 4,5,6-Trideoxyhexitol



(2*R*,3*S*)-*form*

CAS Registry Number: 90325-47-6
Related CAS Registry Numbers(s): 64446-63-5 83134-92-3
Extra CAS Registry Numbers(s): 25323-24-4

Molecular Formula: $C_6H_{14}O_3$
Molecular Weight: 134.175
Accurate Mass: 134.094295
Percentage Composition: C 53.71%; H 10.52%; O 35.77%

Aldrich: 37497-0

>>**Variant:** (2*R*,3*S*)-form
Synonym(s): D-*erythro*-form

CAS Registry Number: 95839-99-9
Molecular Formula: $C_6H_{14}O_3$
Molecular Weight: 134.175
Accurate Mass: 134.094295
Percentage Composition: C 53.71%; H 10.52%; O 35.77%

>>**Derivative:** Tri-Ac

CAS Registry Number: 96751-56-3
Molecular Formula: $C_{12}H_{20}O_6$
Molecular Weight: 260.286
Accurate Mass: 260.12599
Percentage Composition: C 55.37%; H 7.74%; O 36.88%
Physical Description: Oil
Optical Rotation: $[\alpha]_D^{20}$ –1.8 (c, 2.4 in $CHCl_3$)

>>**Variant:** (2*S*,3*R*)-form
Synonym(s): L-*erythro*-form

CAS Registry Number: 130855-55-9
Molecular Formula: $C_6H_{14}O_3$
Molecular Weight: 134.175
Accurate Mass: 134.094295
Percentage Composition: C 53.71%; H 10.52%; O 35.77%
Melting Point: Mp 82°
Optical Rotation: $[\alpha]_D^{20}$ –8.9 (c, 2.2 in H_2O)

>>**Derivative:** 3-Benzoyl

CAS Registry Number: 142204-60-2
Molecular Formula: $C_{13}H_{18}O_4$
Molecular Weight: 238.283
Accurate Mass: 238.12051
Percentage Composition: C 65.53%; H 7.61%; O 26.86%
Optical Rotation: $[\alpha]_D^{25}$ +24.1 (c, 1.52 in $CHCl_3$)

>>**Derivative:** Tri-Ac

CAS Registry Number: 99666-14-5
Physical Description: Syrup
Optical Rotation: $[\alpha]_D^{20}$ –1.8 (c, 2.4 in $CHCl_3$)