>>**Entry Name: 4-Heptanol,** 9CI

CAS Registry Number: 589-55-9
Extra CAS Registry Numbers(s): 53535-33-4
$H_3CCH_2CH_2CH(OH)CH_2CH_2CH_3$

Molecular Formula: $C_7H_{16}O$
Molecular Weight: 116.203
Accurate Mass: 116.120115
Percentage Composition: C 72.35%; H 13.88%; O 13.77%
Melting Point: Fp –41.5°
Boiling Point: Bp 154°. Bp_{16} 63.8°
Hazard & Toxicity: Flammable, fl. p. 49°

Fluka: 51830
Rare Chemicals Library: S45512-1

>>**Derivative:** 3-Octadecenoyl(*Z*-)
Synonym(s): 1-Propylbutyl 3-octadecenoate

Molecular Formula: $C_{25}H_{48}O_2$
Molecular Weight: 380.653
Accurate Mass: 380.36543
Percentage Composition: C 78.88%; H 12.71%; O 8.41%
Biological Source: Constit. of the fruit of *Fagara budrunga*
Physical Description: Pale yellow liq.
UV: [neutral] λ_{max} 210 (ε 200) (MeOH)

>>**Derivative:** Benzoyl

Molecular Formula: $C_{14}H_{20}O_2$
Molecular Weight: 220.311
Accurate Mass: 220.14633
Percentage Composition: C 76.33%; H 9.15%; O 14.52%
Boiling Point: Bp_{14} 146-147°

References:

Lund, H., *Ber.*, 1937, **70**, 1523, *(synth)*
Pearce, P.J., *J.C.S. Perkin 1*, 1972, 1655, *(synth)*
Naik, D.G. *et al.*, *Indian J. Chem., Sect. B*, 1999, **38**, 122-124, *(3-octadecenoate)*