>>**Entry Name: 2-Ethoxy-1-propanol**

Extra CAS Registry Numbers(s): 52125-53-8
$H_3CCH(OEt)CH_2OH$

Molecular Formula: $C_5H_{12}O_2$
Molecular Weight: 104.149
Accurate Mass: 104.08373
Percentage Composition: C 57.66%; H 11.61%; O 30.72%
Boiling Point: Bp 140-141°
Density: d_4^{20}0.9

>>**Derivative:** Ac

CAS Registry Number: 57350-24-0
Molecular Formula: $C_7H_{14}O_3$
Molecular Weight: 146.186
Accurate Mass: 146.094295
Percentage Composition: C 57.51%; H 9.65%; O 32.83%
Boiling Point: Bp 158-160°
Density: d_4^{20}0.95
Refractive Index: n_D^{20} 1.4097

>>**Derivative:** 3,5-Dinitrobenzoyl

Molecular Formula: $C_{12}H_{14}N_2O_7$
Molecular Weight: 298.252
Accurate Mass: 298.080103
Percentage Composition: C 48.33%; H 4.73%; N 9.39%; O 37.55%
Physical Description: Cryst. (MeOH aq.)
Melting Point: Mp 87-88°

References:

Dewael, A., *Bull. Soc. Chim. Belg.*, 1930, **39**, 395-401, *(synth)*
Chitwood, H.C. *et al.*, *J.A.C.S.*, 1946, **68**, 680-682, *(synth)*
Smyth, H.F. *et al.*, *J. Ind. Hyg. Toxicol.*, 1948, **30**, 63-68, *(tox)*
Gagnaire, D., *Bull. Soc. Chim. Fr.*, 1960, 1813-1826, *(synth)*
Takeuchi, H. *et al.*, *Chem. Express*, 1992, **7**, 613-616, *(synth)*