>>**Entry Name: 1-Ethoxy-1-propanol,** 9CI

Extra CAS Registry Numbers(s): 52125-53-8
$H_3CCH_2CH(OH)OEt$

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%
Source/Synthesis: Formed in propanal-EtOH mixtures
Physical Description: Not isol.

>>**Derivative:** Formyl

CAS Registry Number: 33931-57-6
Molecular Formula: $C_6H_{12}O_3$
Molecular Weight: 132.159
Accurate Mass: 132.078645
Percentage Composition: C 54.53%; H 9.15%; O 36.32%
Boiling Point: Bp_{15} 38°
Refractive Index: n_D^{20} 1.3952

>>**Derivative:** Ac

CAS Registry Number: 33931-59-8
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_{14} 45°
Refractive Index: n_D^{20} 1.3965

>>**Derivative:** Propanoyl

CAS Registry Number: 105865-01-8
Molecular Formula: $C_8H_{16}O_3$
Molecular Weight: 160.213
Accurate Mass: 160.109945
Percentage Composition: C 59.98%; H 10.07%; O 29.96%
Boiling Point: Bp_{61} 82-84°

References:

McKenna, F.E. *et al.*, *J.A.C.S.*, 1953, **75**, 604-607
Scheern, J.W. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1971, **90**, 974-983, *(esters, synth)*
Pihlaja, K. *et al.*, *Acta Chem. Scand., Ser. B*, 1986, **40**, 196-199, *(esters, synth, pmr)*