



>>Entry Name: **1,2-Dibutoxyethane**, 8CI

Synonym(s): 1,1'-[1,2-Ethanediy]bis(oxy)]bisbutane, 9CI. Dibutyloxitol. Ethylene glycol dibutyl ether. 5,8-Dioxadodecane

CAS Registry Number: 112-48-1

$\text{H}_3\text{C}(\text{CH}_2)_3\text{OCH}_2\text{CH}_2\text{O}(\text{CH}_2)_3\text{CH}_3$

Molecular Formula: $\text{C}_{10}\text{H}_{22}\text{O}_2$

Molecular Weight: 174.283

Accurate Mass: 174.16198

Percentage Composition: C 68.92%; H 12.72%; O 18.36%

Physical Description: Liq.

Boiling Point: Bp 200-202°

References:

Gist, L.A. *et al.*, *J.A.C.S.*, 1954, **76**, 3728, (*synth*)

Field, B.O. *et al.*, *Chem. Ind. (London)*, 1962, 212, (*synth*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, DDW400