



>>Entry Name: 3-Nitro-2-butanol, 9CI

CAS Registry Number: 6270-16-2

Related CAS Registry Numbers(s): 82978-01-6 82978-02-7

H3CCH(NO2)CH(OH)CH3

Molecular Formula: C₄H₉NO₃

Molecular Weight: 119.12

Accurate Mass: 119.058244

Percentage Composition: C 40.33%; H 7.62%; N 11.76%; O 40.29%

Boiling Point: Bp₁₀ 92°. Bp₂ 72-74°

Other Data: Mixt. of diastereoisomers

Aldrich: 14664-1

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 628C, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 402B, (ir)

Vanderbilt, B.M. *et al.*, *Ind. Eng. Chem.*, 1940, **32**, 34, (synth)

Kambe, S. *et al.*, *Bull. Chem. Soc. Jpn.*, 1968, **41**, 1444, (synth)

Kingsbury, C.A. *et al.*, *J.C.S. Perkin 2*, 1982, 867, (synth, pmr, cmr)