



>>Entry Name: 2-Methyl-2-octanol, 9CI

CAS Registry Number: 628-44-4

$\text{H}_3\text{C}(\text{CH}_2)_5\text{C}(\text{CH}_3)_2\text{OH}$

Molecular Formula: $\text{C}_9\text{H}_{20}\text{O}$

Molecular Weight: 144.256

Accurate Mass: 144.151415

Percentage Composition: C 74.94%; H 13.97%; O 11.09%

Physical Description: Liq.

Boiling Point: Bp 178°. Bp_{7.5} 55°

Refractive Index: n_D^{20} 1.4281

Rare Chemicals Library: S50499-8

References:

Tarasova, G.A. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1956, 1267; *Bull. Acad. Sci. USSR, Div. Chem. Sci. (Engl. Transl.)*, 1956, 1297, (*synth*)

Herbertz, T., *Chem. Ber.*, 1959, **92**, 541, (*synth*)

Sowinski, A.F. *et al.*, *J.O.C.*, 1979, **44**, 2369, (*synth, ms*)

Novak, M. *et al.*, *J. Chem. Educ.*, 1993, **70**, A103, (*synth, pmr, cmr*)

Kiehl, A. *et al.*, *Annalen*, 1995, 223, (*synth, pmr, cmr*)