



>>Entry Name: Benzyl butyl ether

ENTRY UNDER REVIEW

Synonym(s): (Butoxymethyl)benzene, 9Cl. 1-Benzyloxybutane. α -Butoxytoluene. FEMA 2139

CAS Registry Number: 588-67-0

$\text{PhCH}_2\text{OCH}_2\text{CH}_2\text{CH}_2\text{CH}_3$

Molecular Formula: $\text{C}_{11}\text{H}_{16}\text{O}$

Molecular Weight: 164.247

Accurate Mass: 164.120115

Percentage Composition: C 80.44%; H 9.82%; O 9.74%

Source/Synthesis: Constit. of the aroma of roasted cashew. Flavouring agent

Boiling Point: Bp_{15} 95-97°. Bp_{10} 92°

Density: d_4^{20} 0.92

Refractive Index: n_D^{20} 1.4833

References:

Barluenga, J. *et al.*, *Synthesis*, 1983, 53, (*synth*, *pmr*, *cmr*)

Li, J. *et al.*, *CA*, 1987, **107**, 115303w, (*synth*)

Jayalekshmy, A. *et al.*, *ACS Symp. Ser.*, 1988, **409**, 355, (*occur*)

Motoi, M. *et al.*, *Polym. J. (Tokyo)*, 1989, **21**, 987, (*synth*)