



>>Entry Name: Benzyl formate

Synonym(s): Phenylmethyl formate. FEMA 2145

CAS Registry Number: 104-57-4

HCOOCH₂Ph

Molecular Formula: C₈H₈O₂

Molecular Weight: 136.15

Accurate Mass: 136.05243

Percentage Composition: C 70.58%; H 5.92%; O 23.50%

Source/Synthesis: Occurs in essential oil of several plants

Use/Importance: Used in perfumery and food flavouring

Physical Description: Liq. with fruity odour

Boiling Point: Bp 203°. Bp₁₀ 83-84°

Refractive Index: n_D²⁰ 1.5404

Rare Chemicals Library: S42912-0

References:

Be'hal, M.A., *Ann. Chim. (Paris)*, 1900, **20**, 411, (*props*)

Bredereck, H. *et al.*, *Chem. Ber.*, 1954, **87**, 726, (*synth*)

Suezawa, H. *et al.*, *J. Phys. Org. Chem.*, 1993, **6**, 399, (*conformn*)

Suri, S.C. *et al.*, *Synth. Commun.*, 1996, **26**, 1031, (*synth, ir, pmr, cmr, ms*)