



>>Entry Name: Benzylurea, 9CI

Synonym(s): Benzylcarbamide

CAS Registry Number: 538-32-9

PhCH2NHCONH2

Molecular Formula: $C_8H_{10}N_2O$

Molecular Weight: 150.18

Accurate Mass: 150.079313

Percentage Composition: C 63.98%; H 6.71%; N 18.65%; O 10.65%

Melting Point: Mp 147-148°

Solubility: Mod. sol. hot H₂O

Hazard & Toxicity: LD₅₀ (rat, orl) 2700 mg/kg

Aldrich: 30730-0

Rare Chemicals Library: S51929-4

References:

Boivin, J.L. *et al.*, *Can. J. Chem.*, 1951, **29**, 478, (*synth*)

Argabright, P.A., *J.O.C.*, 1967, **32**, 3261, (*synth*)

Patonay, T. *et al.*, *Synth. Commun.*, 1996, **26**, 4253, (*synth*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, BFN125