



>>Entry Name: 2-Hydroxyethyl benzylcarbamate, 8Cl

Synonym(s): 2-Hydroxyethyl (phenylmethyl)carbamate, 9Cl. **Buramate**, INN, USAN. Hyamate. AC 601. NSC 30223

CAS Registry Number: 4663-83-6

PhCH2NHCOOCH2CH2OH

Molecular Formula: C₁₀H₁₃NO₃

Molecular Weight: 195.218

Accurate Mass: 195.089544

Percentage Composition: C 61.53%; H 6.71%; N 7.17%; O 24.59%

Use/Importance: Anticonvulsant, tranquilliser

Melting Point: Mp 40°

Calculated Log P Data: Log P 0.99 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (mus, scu) 850 mg/kg

References:

Hazard, R. *et al.*, *Ann. Pharm. Fr.*, 1951, **9**, 390, (*synth, pharmacol*)

U.K. Pat., 1953, 689 705; *CA*, **48**, 7055f, (*synth, pharmacol*)

Aurousseau, M., *Arch. Int. Pharmacodyn. Ther.*, 1960, **127**, 220, (*pharmacol*)

U.S. Pat., 1965, *Pure Oil Co.*, 3 184 382; *CA*, **63**, 5459h, (*synth, pharmacol*)