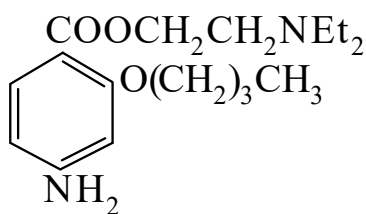




>>Entry Name: Ambucaine, INN

Synonym(s): 2-(Diethylamino)ethyl 4-amino-2-butoxybenzoate, 8Cl. Ambutoxate. 2-Butoxyprocaine. Sympocaine. Win 3706. Vincaine‡



CAS Registry Number: 119-29-9

Molecular Formula: C₁₇H₂₈N₂O₃

Molecular Weight: 308.42

Accurate Mass: 308.209993

Percentage Composition: C 66.20%; H 9.15%; N 9.08%; O 15.56%

Use/Importance: Anaesthetic

Calculated Log P Data: Log P 3.92 (calc)

Hazard & Toxicity: LD₅₀ (mus, ivn) 7.4 mg/kg

>>Derivative: Hydrochloride

CAS Registry Number: 15016-15-6

Melting Point: Mp 123-125°

Hazard & Toxicity: LD₅₀ (mus, ivn) 4 mg/kg

References:

Büchi, J. *et al.*, *Helv. Chim. Acta*, 1951, **34**, 1002, (*synth*)

Ludueña, F.P. *et al.*, *Arch. Int. Pharmacodyn. Ther.*, 1956, **107**, 335; 1957, **109**, 143, (*tox, pharmacol*)

Khemani, L. *et al.*, *J. Chromatogr.*, 1969, **41**, 274, (*tlc*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, SPB800