



>>Entry Name: Oxeladin, BAN, INN

Synonym(s): α,α -Diethyl-2-[(2-diethylamino)ethoxy]ethyl benzeneacetate, 9CI. 2-[2-(Diethylamino)ethoxy]ethyl 2-ethyl-2-phenylbutyrate

CAS Registry Number: 468-61-1



Molecular Formula: $\text{C}_{20}\text{H}_{33}\text{NO}_3$

Molecular Weight: 335.486

Accurate Mass: 335.246044

Percentage Composition: C 71.60%; H 9.91%; N 4.18%; O 14.31%

Use/Importance: Antitussive

Physical Description: Yellow oil

Boiling Point: $\text{Bp}_{0.5}$ 150°. $\text{Bp}_{0.1}$ 140°

Calculated Log P Data: Log P 4.83 (calc)

Hazard & Toxicity: LD_{50} (rat, orl) 183 mg/kg

>>Derivative: Citrate (1:1)

Synonym(s): Pectamol

CAS Registry Number: 52432-72-1

Physical Description: Small needles (EtOAc)

Melting Point: Mp 90-91°

Sigma: O3878

References:

David, A. *et al.*, *J. Pharm. Pharmacol.*, 1957, **9**, 446, (*pharmacol, tox*)

Petrow, V. *et al.*, *J. Pharm. Pharmacol.*, 1958, **10**, 40, (*synth*)

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Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 6th edn., *Akademie-Verlag*, 1987, 5978, (*synonyms*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 750

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, DHQ200