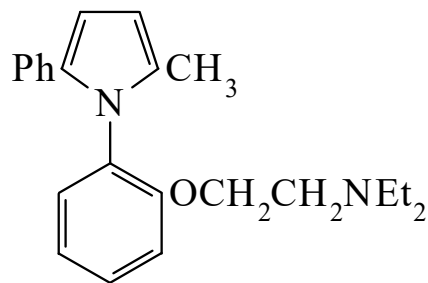




>>Entry Name: Leiopyrrole, INN

Synonym(s): *N,N*-Diethyl-2-[2-(2-methyl-5-phenyl-1*H*-pyrrol-1-yl)phenoxy]ethanamine, 9Cl. 1-[*o*-[2-(Diethylamino)ethoxy]phenyl]-2-methyl-5-phenylpyrrole. DV 714



CAS Registry Number: 5633-16-9

Molecular Formula: C₂₃H₂₈N₂O

Molecular Weight: 348.487

Accurate Mass: 348.220163

Percentage Composition: C 79.27%; H 8.10%; N 8.04%; O 4.59%

Use/Importance: Spasmolytic agent

Boiling Point: Bp₁₃ 232°

Refractive Index: n_D²⁰ 1.6030

Calculated Log P Data: Log P 6.77 (calc)

Other Data: Aq. soln. turns yellow on exp. to air

Hazard & Toxicity: LD₅₀ (rat, orl) 700 mg/kg. LD₅₀ (rat, ipr) 180 mg/kg

>>Derivative: Hydrochloride

Synonym(s): Leioplegil. Leplegil

CAS Registry Number: 14435-78-0

Physical Description: Needles (CCl₄)

Melting Point: Mp 138°

References:

Buu-Hoi, N.P. *et al.*, *J. Med. Chem.*, 1959, **1**, 23, (*synth, pharmacol*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, LEF400