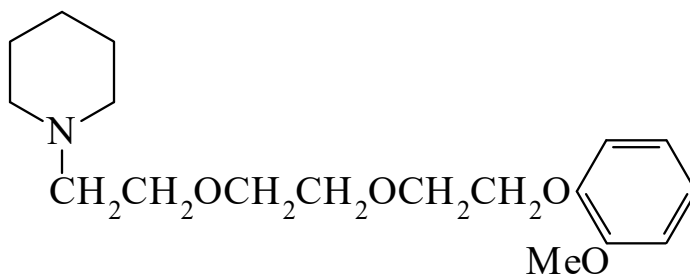




>>Entry Name: Guaiapate, INN, USAN

Synonym(s): 1-[2-[2-[2-(2-Methoxyphenoxy)ethoxy]ethoxy]ethyl]piperidine, 9Cl, 8Cl. Piperoctane. Klamar. MG 5454



CAS Registry Number: 852-42-6

Molecular Formula: C₁₈H₂₉NO₄

Molecular Weight: 323.431

Accurate Mass: 323.209659

Percentage Composition: C 66.85%; H 9.04%; N 4.33%; O 19.79%

Use/Importance: Antitussive

Boiling Point: Bp_{0.5} 166-170°

Calculated Log P Data: Log P 3.04 (calc)

Other Data: Used as citrate or acetate

Hazard & Toxicity: LD₅₀ (mus, ipr) 82 mg/kg

References:

Carissimi, M. *et al.*, *J. Med. Chem.*, 1965, **8**, 542, (*synth, pharmacol*)

Barbi, G., *Gazz. Med. Ital.*, 1968, **127**, 13, (*pharmacol*)

Cavicchi, G. *et al.*, *Boll. Chim. Farm.*, 1969, **108**, 682, (*anal*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 747