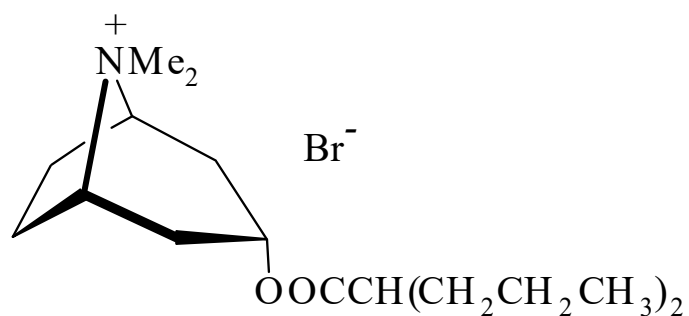




>>Entry Name: Octatropine methylbromide, BAN, INN

Synonym(s): 8,8-Dimethyl-3-[(1-oxo-2-propylpentyl)oxy]-8-azoniabicyclo[3.2.1]octane bromide, 9CI. Anisotropine methylbromide, JAN, USAN. Endovalpin. Lytispasm. Valpin. Vapin



CAS Registry Number: 80-50-2

Molecular Formula: C₁₇H₃₂BrNO₂

Molecular Weight: 362.349

Accurate Mass: 361.18164

Percentage Composition: C 56.35%; H 8.90%; Br 22.05%; N 3.87%; O 8.83%

Use/Importance: Anticholinergic, spasmolytic agent. Used as an adjunct in treatment of peptic ulcer

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 329°

Hazard & Toxicity: LD₅₀ (rat, orl) 705 mg/kg

Sigma: A5181

References:

U.S. Pat., 1960, 2 962 499; *CA*, **55**, 10491, (*synth, pharmacol*)

Anon, *J. Pharm. Sci.*, 1964, **53**, 205, (*ir, anal*)

De Liperi, E. *et al.*, *Clin. Ter. (Rome)*, 1965, **35**, 419, (*pharmacol*)

Shindo, H. *et al.*, *Chem. Pharm. Bull.*, 1971, **19**, 513, (*metab*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 428

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, LJS000