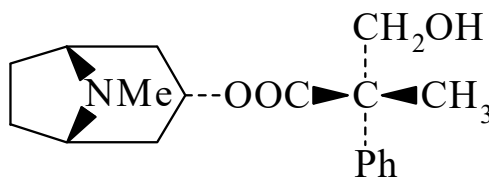




>>Entry Name: Atromepine, INN

Synonym(s): 8-Methyl-8-azabicyclo[3.2.1]oct-3-yl α -(hydroxymethyl) α -methylbenzeneacetate, 9Cl. 3-Tropanyl 2-methyl-2-phenylhydracrylate. Analgispan. Dispan. Levomepate. Normospas. TMT



CAS Registry Number: 428-07-9

Molecular Formula: C₁₈H₂₅NO₃

Molecular Weight: 303.4

Accurate Mass: 303.183444

Percentage Composition: C 71.26%; H 8.31%; N 4.62%; O 15.82%

Use/Importance: Muscarinic antagonist

>>Derivative: Hydrochloride

CAS Registry Number: 14641-96-4

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 210-212°

Optical Rotation: [α]_D²⁰ -6.8

Hazard & Toxicity: LD₅₀ (rat, orl) 1100 mg/kg. LD₅₀ (rat, ipr) 226 mg/kg. Exp. reprod. effects

References:

Melone, G. *et al.*, *J.O.C.*, 1960, **25**, 859, (*synth*)

Maffii, G. *et al.*, *Nature (London)*, 1960, **185**, 844, (*pharmacol*)

Scarselli, V. *et al.*, *J. Med. Chem.*, 1964, **7**, 237, (*synth*)

Bianchi, G. *et al.*, *Toxicol. Appl. Pharmacol.*, 1967, **10**, 424, (*pharmacol*)

Roblet, A. *et al.*, *Therapie*, 1968, **23**, 601, (*activity*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., *Pharmaceutical Press*, 1982, 12406

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, LFC000