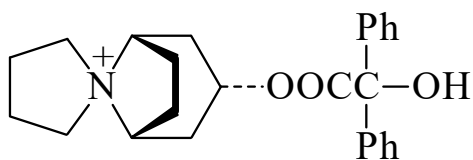




>>Entry Name: Trosium(1+)

Synonym(s): 3-[(Hydroxydiphenylacetyl)oxy]spiro[8-azoniabicyclo[3.2.1]octane-8,1'-pyrrolidinium], 9Cl. 3-Hydroxyspiro[nortropane-8,1'-pyrrolidinium] benzilate



Molecular Formula: $C_{25}H_{30}NO_3^{(+)}$

Molecular Weight: 392.517

Accurate Mass: 392.222569

Percentage Composition: C 76.50%; H 7.70%; N 3.57%; O 12.23%

>>Derivative: Chloride

Synonym(s): Trosium chloride, BAN, INN, JAN, Cholinerdin, Elist-ace, Keptan, Ranolac, Relaspium, Spasmex, Spasmo 3, Supamion, Trospars

CAS Registry Number: 10405-02-4

Molecular Formula: $C_{25}H_{30}ClNO_3$

Molecular Weight: 427.97

Accurate Mass: 427.191421

Percentage Composition: C 70.16%; H 7.07%; Cl 8.28%; N 3.27%; O 11.22%

Use/Importance: Anticholinergic agent; used as an antispasmodic agent

Melting Point: Mp 255-257 dec.°

Hazard & Toxicity: LD₅₀ (rat, orl) 1510 mg/kg. LD₅₀ (rat, ipr) 97.7 mg/kg

References:

Antweiler, H. *et al.*, *Arzneim.-Forsch.*, 1966, **16**, 1581, (*pharmacol*)

Bertholdt, H. *et al.*, *Arzneim.-Forsch.*, 1967, **17**, 719, (*synth, pharmacol*)

Breuel, H.-P. *et al.*, *Arzneim.-Forsch.*, 1993, **43**, 461, (*pharmacol, human*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1424

Pietzko, A. *et al.*, *Eur. J. Clin. Pharmacol.*, 1994, **47**, 337, (*pharmacol, human*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials, 8th edn., Van Nostrand Reinhold, 1992, KEA300*