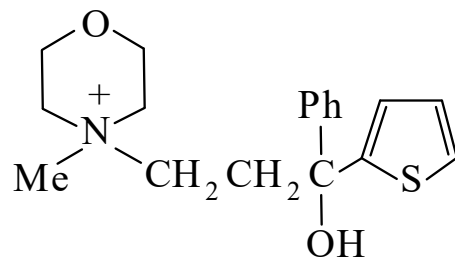




>>Entry Name: Tiemonium(1+)

Synonym(s): 4-[3-Hydroxy-3-phenyl-3-(2-thienyl)propyl]-4-methylmorpholinium, 9Cl, 8Cl



CAS Registry Number: 6252-92-2

Molecular Formula: $C_{18}H_{24}NO_2S^{(+)}$

Molecular Weight: 318.459

Accurate Mass: 318.152774

Percentage Composition: C 67.89%; H 7.60%; N 4.40%; O 10.05%; S 10.07%

>>Variant: (±)-form

Molecular Formula: $C_{18}H_{24}NO_2S$

Molecular Weight: 318.459

Accurate Mass: 318.152774

Percentage Composition: C 67.89%; H 7.60%; N 4.40%; O 10.05%; S 10.07%

>>Derivative: Iodide

Synonym(s): Tiemonium iodide, BAN, INN, JAN. Bort simple. CERFA 114. TE 114. Visceralgin

CAS Registry Number: 144-12-7

Molecular Formula: $C_{18}H_{24}INO_2S$

Molecular Weight: 445.364

Accurate Mass: 445.057247

Percentage Composition: C 48.54%; H 5.43%; I 28.49%; N 3.15%; O 7.18%; S 7.20%

Use/Importance: Antispasmodic, anticholinergic drug, analgesic

Melting Point: Mp 189-191°

Hazard & Toxicity: LD₅₀ (rat, orl) 2295 mg/kg

>>Derivative: Methyl sulfate

Synonym(s): Ottimal

CAS Registry Number: 6504-57-0

References:

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Beau, G. *et al.*, *Therapie*, 1968, **23**, 399, (*metab*)

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