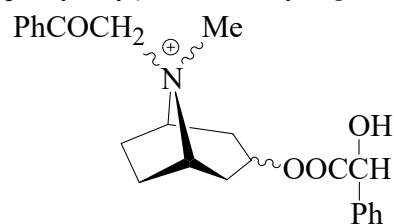




>>Entry Name: Phenactropinium(1+)

Synonym(s): 3-[(Hydroxyphenylacetyl)oxy]-8-methyl-8-(2-oxo-2-phenylethyl)-8-azoniabicyclo[3.2.1]octane. *N*-Phenacylhomotropinium



Molecular Formula: C₂₄H₂₈NO₄⁽⁺⁾

Molecular Weight: 394.489

Accurate Mass: 394.201834

Percentage Composition: C 73.07%; H 7.15%; N 3.55%; O 16.22%

>>Variant: (±)-form

Molecular Formula: C₂₄H₂₈NO₄

Molecular Weight: 394.489

Accurate Mass: 394.201834

Percentage Composition: C 73.07%; H 7.15%; N 3.55%; O 16.22%

>>Derivative: Chloride

Synonym(s): Phenactropinium chloride, BAN, INN. Trophenium

CAS Registry Number: 3784-89-2

Molecular Formula: C₂₄H₂₈ClNO₄

Molecular Weight: 429.942

Accurate Mass: 429.170686

Percentage Composition: C 67.05%; H 6.56%; Cl 8.25%; N 3.26%; O 14.89%

Use/Importance: Antihypertensive agent. Ganglion blocking agent

Physical Description: Cryst. (EtOH)

Development Status: No longer marketed

Melting Point: Mp 195-197°

References:

U.S. Pat., 1958, *T+H Smith*, 2 828 312; *CA*, **52**, 14714h, (*synth*)

Deacock, A.R. de C. *et al.*, *Br. J. Anaesth.*, 1962, **34**, 357, (*pharmacol*)