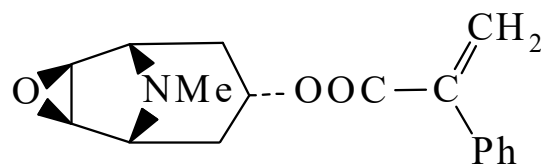




>>Entry Name: Apohyoscine

Synonym(s): 9-Methyl-3-oxa-9-azabicyclo[3.3.1.0^{2,4}]non-7-yl α -methylbenzeneacetate, 9Cl. 6,7-Epoxy-3-atropolyoxytropane. Oscine atropate. Aposcopolamine



CAS Registry Number: 535-26-2

Molecular Formula: C₁₇H₁₉NO₃

Molecular Weight: 285.342

Accurate Mass: 285.136494

Percentage Composition: C 71.56%; H 6.71%; N 4.91%; O 16.82%

Biological Source: Alkaloid from the aerial parts of *Datura innoxia*, *Datura meteloides*, *Hyoscyamus niger* and *Anthocercis frondosa* (stem-bark and roots)(Solanaceae)

Physical Description: Needles (Et₂O)

Melting Point: Mp 97°

Other Data: Opt. inactive (*meso*-)

>>Derivative: Picrate

Physical Description: Needles (MeOH aq.)

Melting Point: Mp 216 dec.°

>>Derivative: *N*-De-Me

Synonym(s): Aponorhyoscine

CAS Registry Number: 25650-56-0

Molecular Formula: C₁₆H₁₇NO₃

Molecular Weight: 271.315

Accurate Mass: 271.120844

Percentage Composition: C 70.83%; H 6.32%; N 5.16%; O 17.69%

Biological Source: Minor alkaloid from roots of *Anthocercis genistoides* (Solanaceae)

Physical Description: Plates (EtOH aq.)(as picrate)

Melting Point: Mp 224-225° (picrate)

References:

Evans, W.C. *et al.*, *J.C.S.*, 1965, 4936, (*isol*)

Sharova, E.G. *et al.*, *Khim. Prir. Soedin.*, 1977, **13**, 126; *Chem. Nat. Compd. (Engl. Transl.)*, 1977, **13**, 117, (*isol*)

Evans, W.C. *et al.*, *J. Pharm. Pharmacol., Suppl.*, 1979, **31**, 9P, (*isol*)

Evans, W.C. *et al.*, *Phytochemistry*, 1981, **20**, 497, (*isol*, *Aponorhyoscine*)