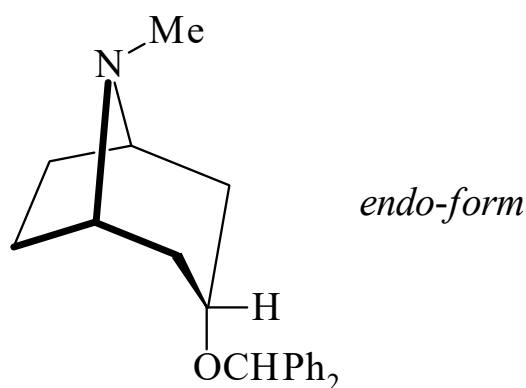




>>Entry Name: **Benzatropine**, INN

Synonym(s): 3-(Diphenylmethoxy)-8-methyl-8-azabicyclo[3.2.1]octane, 9Cl. 3-Diphenylmethoxytropane. **Benztropine**, BAN. Akitan. Benatropine. Bensylete. Cobrentin. Cogentin. Cogentinol. MK 02



CAS Registry Number: 86-13-5

Molecular Formula: C₂₁H₂₅NO

Molecular Weight: 307.435

Accurate Mass: 307.193614

Percentage Composition: C 82.04%; H 8.20%; N 4.56%; O 5.20%

Use/Importance: Antiparkinsonian drug. Also has antihistaminic props. and acts as appetite stimulant for livestock

Calculated Log P Data: Log P 3.66 (calc)

Hazard & Toxicity: LD₅₀ (mus, scu) 60 mg/kg

>>Derivative: Hydrobromide

Melting Point: Mp 247-248 dec.°

>>Derivative: Methanesulfonate

Synonym(s): Benztropine mesilate, JAN. Benztropine mesylate, USAN

CAS Registry Number: 132-17-2

Molecular Formula: C₂₂H₂₉NO₄S

Molecular Weight: 403.541

Accurate Mass: 403.181729

Percentage Composition: C 65.48%; H 7.24%; N 3.47%; O 15.86%; S 7.95%

Physical Description: Cryst. (Me₂CO/Et₂O)

Melting Point: Mp 143°

Hazard & Toxicity: Can cause drowsiness when used therapeutically. LD₅₀ (mus, scu) 103 mg/kg. LD₅₀ (mus, orl) 91 mg/kg

Aldrich: 25779-6

Sigma: B8262

References:

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