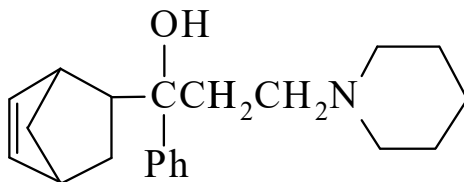




>>Entry Name: **Biperiden**, BAN, INN, JAN, USAN

Synonym(s): α -Bicyclo[2.2.1]hept-5-en-2-yl- α -phenyl-1-piperidinepropanol, 9Cl. Akineton. Akinophyl. Dekinet. Ipsatol. Paraden. Tasmolin. KL 373



CAS Registry Number: 514-65-8

Related CAS Registry Numbers(s): 7085-45-2

Molecular Formula: C₂₁H₂₉NO

Molecular Weight: 311.466

Accurate Mass: 311.224914

Percentage Composition: C 80.98%; H 9.38%; N 4.50%; O 5.14%

General Statement: Two diastereoisomers known

Use/Importance: Antiparkinsonian, anticholinergic, used to treat nicotine poisoning

Physical Description: Cryst.

Melting Point: Mp 101° (Isomer A). Mp 111° (Isomer B)

Calculated Log P Data: Log P 3.91 (calc)

Other Data: Also used as lactate (Biperiden lactate, JAN, USAN)

Hazard & Toxicity: LD₅₀ (rat, orl) 750 mg/kg

>>Derivative: Hydrochloride

Synonym(s): **Biperiden hydrochloride**, JAN, USAN

CAS Registry Number: 1235-82-1

Physical Description: Cryst.

Melting Point: Mp 238° (Isomer A). Mp 271° (Isomer B)

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