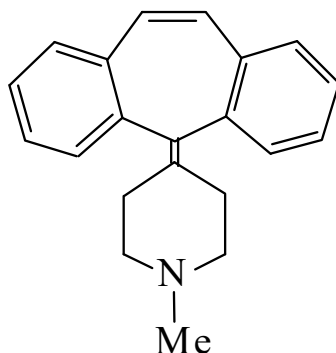




>>Entry Name: Cyproheptadine, BAN, INN

Synonym(s): 4-(5*H*-Dibenzo[*a,d*]cyclohepten-5-ylidene)-1-methylpiperidine, 9CI, 8CI. 4-(5-Dibenzo[*a,e*]cycloheptatrienylidene)-1-methylpiperidine. Many other names



CAS Registry Number: 129-03-3

Related CAS Registry Numbers(s): 41354-29-4

Molecular Formula: C₂₁H₂₁N

Molecular Weight: 287.404

Accurate Mass: 287.167399

Percentage Composition: C 87.76%; H 7.36%; N 4.87%

Use/Importance: Histamine H₁ receptor antagonist. Antipruritic, appetite stimulant

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 113°

Hazard & Toxicity: Antimuscarinic and central sedative activity. LD₅₀ (rat, orl) 295 mg/kg. Exp. reprod. and teratogenic effects

>>Derivative: Hydrochloride

Synonym(s): Cyproheptadine hydrochloride, USAN. Anarexol. Periactin

CAS Registry Number: 969-33-5

Physical Description: Cryst. + 1½ H₂O (EtOH/Et₂O)

Melting Point: Mp 252.6-253.6 dec.°

Sigma: C6022

>>Derivative: Salt with Pyridoxal phosphate

Synonym(s): Dihexazin. Viternum

Use/Importance: Appetite stimulant

References:

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Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 6th edn., Akademie-Verlag, 1987, 6064, (*synonyms*)

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