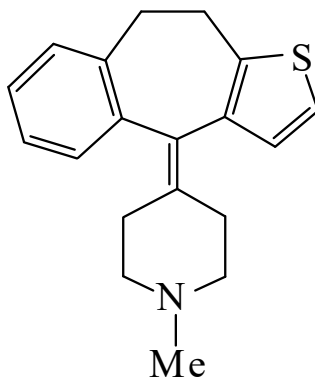




>>Entry Name: **Pizotifen**, BAN, INN

Synonym(s): 4-(9,10-Dihydro-4*H*-benzo[4.5]cyclohepta[1,2-*b*]thien-4-ylidene)-1-methylpiperidine, 9Cl, 8Cl. **Pizotyline**, USAN. Litec. BC 105. Polomigran. Many other names



CAS Registry Number: 15574-96-6

Molecular Formula: C₁₉H₂₁NS

Molecular Weight: 295.448

Accurate Mass: 295.139469

Percentage Composition: C 77.24%; H 7.16%; N 4.74%; S 10.85%

Use/Importance: 5HT receptor antagonist. Antimigraine prophylactic

Calculated Log P Data: Log P 4.72 (calc)

>>Derivative: Hydrochloride

Melting Point: Mp 261-263 dec.°

>>Derivative: Maleate

Synonym(s): Sandomigran. Mosegor

CAS Registry Number: 5189-11-7

Physical Description: Cryst. (MeOH)

Melting Point: Mp 185-186°

References:

Belg. Pat., 1964, 636 717; *CA*, **61**, 14644b, (*synth*)

Bastian, J.M. *et al.*, *Helv. Chim. Acta*, 1965, **49**, 214, (*synth*)

Speight, T.M. *et al.*, *Drugs*, 1972, **3**, 159, (*pharmacol*)

Dixon, A.K. *et al.*, *Arzneim.-Forsch.*, 1977, **27**, 1968, (*pharmacol*)

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 6th edn., *Akademie-Verlag*, 1987, 5248

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 416

Peeters, O.M. *et al.*, *Acta Cryst. C*, 1995, **51**, 1435, (*cryst struct*)