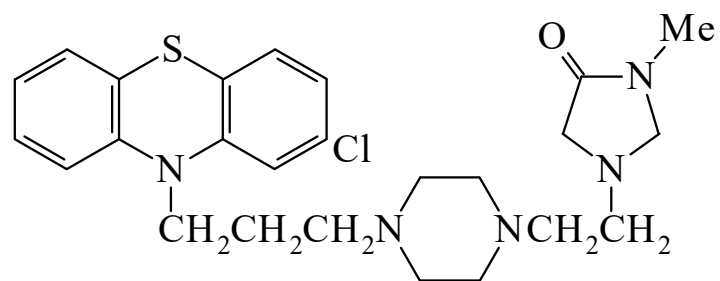




>>Entry Name: Imiclopazine, INN

Synonym(s): 1-[2-[4-[3-(2-Chloro-10*H*-phenothiazin-10-yl)propyl]-1-piperazinyl]ethyl]-3-methyl-2-imidazolidinone, 9Cl, 8Cl. Chlorimpiphenine



CAS Registry Number: 7224-08-0

Molecular Formula: C₂₅H₃₂ClN₅OS

Molecular Weight: 486.079

Accurate Mass: 485.201607

Percentage Composition: C 61.77%; H 6.64%; Cl 7.29%; N 14.41%; O 3.29%; S 6.60%

Use/Importance: Neuroleptic, antipsychotic agent

Development Status: No longer marketed

Boiling Point: Bp_{0.01} 260°

Calculated Log P Data: Log P 6.87 (uncertain value) (calc)

>>Derivative: Hydrochloride (1:2)

Synonym(s): Ponsital. P 4241

CAS Registry Number: 7414-95-1

Melting Point: Mp 255°

Hazard & Toxicity: LD₅₀ (rat, orl) 321 mg/kg. LD₅₀ (rat, ivn) 50 mg/kg

References:

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Netherlands Pat., 1967, *Asta-Werke*, 6 511 412; *CA*, **67**, 64416f, (*synth*)
Kuhnert-Braudstaetter, M. *et al.*, *Microchem. J.*, 1972, **17**, 639, (*props*)
Blazek, J. *et al.*, *Cesk. Farm.*, 1975, **24**, 174, (*ir*)
Martindale, The Extra Pharmacopoeia, 28th/29th edn., *Pharmaceutical Press*, 1982, 7054
Kracmar, J. *et al.*, *Pharmazie*, 1986, **41**, 571, (*uv, vis*)