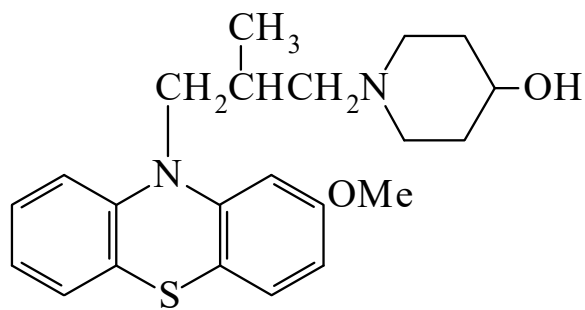




>>Entry Name: Perimetazine, INN

Synonym(s): 1-[3-(2-Methoxy-10*H*-phenothiazin-10-yl)-2-methylpropyl]-4-piperidinol, 9Cl. Leptryl. AN 1317. RP 9159



CAS Registry Number: 13093-88-4

Molecular Formula: C₂₂H₂₈N₂O₂S

Molecular Weight: 384.541

Accurate Mass: 384.187148

Percentage Composition: C 68.72%; H 7.34%; N 7.28%; O 8.32%; S 8.34%

Use/Importance: Neuroleptic, hypnotic, sedative, anaesthetic (premedication) agent

Calculated Log P Data: Log P 4.23 (calc)

>>Variant: (±)-form

Molecular Formula: C₂₂H₂₈N₂O₂S

Molecular Weight: 384.541

Accurate Mass: 384.187148

Percentage Composition: C 68.72%; H 7.34%; N 7.28%; O 8.32%; S 8.34%

Physical Description: Cryst. (cyclohexane/C₆H₆)

Melting Point: Mp 137-138°

>>Derivative: Hydrochloride

Hazard & Toxicity: LD₅₀ (mus, orl) 310 mg/kg

References:

Ger. Pat., 1961, Rhône-Poulenc, 1 117 584; CA, **57**, 4677g, (synth, pharmacol)

U.K. Pat., 1962, Rhône-Poulenc, 904 210; CA, **58**, 4582, (synth)

Julou, L. et al., C. R. Hebd. Seances Soc. Biol. Ses Fil., 1966, **160**, 1852, (pharmacol)

Lewis, R.J., Sax's Dangerous Properties of Industrial Materials, 8th edn., Van Nostrand Reinhold, 1992, LEO000