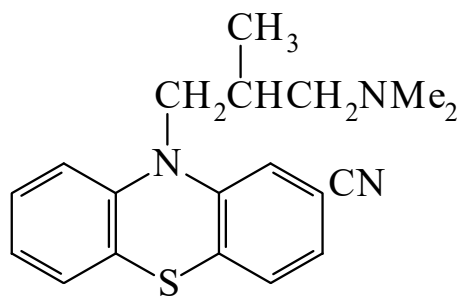




>>Entry Name: Cyamemazine, INN

Synonym(s): 10-[3-(Dimethylamino)-2-methylpropyl]-10*H*-phenothiazine-2-carbonitrile, 9Cl. 2-Cyano-10-(3-dimethylamino-2-methylpropyl)phenothiazine. Cyamepromazine. Cianatil. Tercian. FI 6229. RP 7204. 2602 TH



CAS Registry Number: 3546-03-0

Related CAS Registry Numbers(s): 119805-47-9 119805-48-0 119805-49-1

Molecular Formula: C₁₉H₂₁N₃S

Molecular Weight: 323.461

Accurate Mass: 323.145617

Percentage Composition: C 70.55%; H 6.54%; N 12.99%; S 9.91%

Use/Importance: Neuroleptic, antihistamine

Physical Description: Yellow oil

Boiling Point: Bp_{0.35} 205-220° (lit. gives a pressure range)

Calculated Log P Data: Log P 4.7 (calc)

Hazard & Toxicity: Eye and skin irritant

>>Derivative: Maleate

Melting Point: Mp 196-197°

References:

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Craig, P.N. *et al.*, *J.O.C.*, 1961, **26**, 1138, (*synth*)

Kuhnert-Brandstaetter, M. *et al.*, *Microchem. J.*, 1972, **17**, 639, (*props, uv*)

Meindl, W. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 1989, **322**, 133, (*pharmacol*)

Jelinek, I. *et al.*, *J. Chromatogr.*, 1989, **464**, 139, (*resoln*)

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