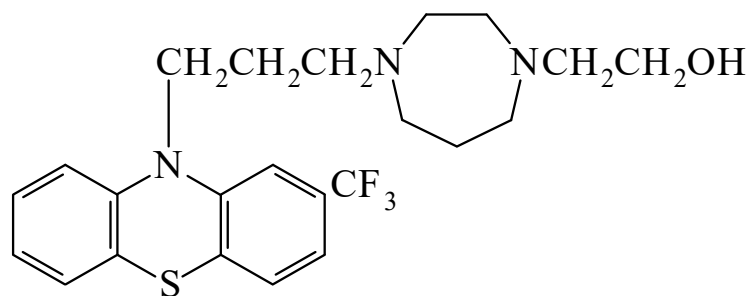




>>Entry Name: Homofenazine, INN

Synonym(s): Hexahydro-4-[3-[2-(trifluoromethyl)-10H-phenothiazin-10-yl]propyl]-1H-1,4-diazepine-1-ethanol, 9Cl. D-775. HFZ



CAS Registry Number: 3833-99-6

Molecular Formula: C₂₃H₂₈F₃N₃OS

Molecular Weight: 451.555

Accurate Mass: 451.190516

Percentage Composition: C 61.18%; H 6.25%; F 12.62%; N 9.31%; O 3.54%; S 7.10%

Use/Importance: Neuroleptic, sedative, antihistamine agent

Boiling Point: Bp_i 230-240°

Calculated Log P Data: Log P 5.82 (calc)

>>Derivative: Hydrochloride (1:2)

Synonym(s): Pasaden‡. Irexan. Oldagen

CAS Registry Number: 1256-01-5

>>Derivative: Difumarate

Physical Description: Cryst.

Melting Point: Mp 149°

References:

Ger. Pat., 1971, *Deutsche Gold- und Silber-Scheideanstalt*, 1 445 648; *CA*, **76**, 25318s, (*synth, pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 600