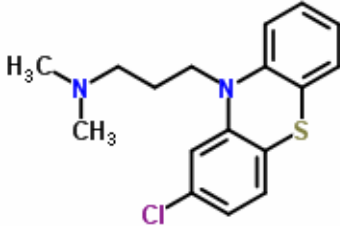


Name	CHLORPROMAZINE
Structure	
Systematic name	3-(2-chloro-10H-phenothiazin-10-yl)-N,N-dimethylpropan-1-amine
Formula	C ₁₇ H ₁₉ ClN ₂ S
MW	318.864
Monoisotopic mass	318.095747015
Mp	60°C
H bond acceptors	2
H bond donors	0
Acid pKa	--
Basic pKa	9.20
ACD Log D pH 5.5	2.15
ACD Log D pH 7.4	3.24
Solubility	Diethyl ether, ethanol. Acidic water
LD50	141 mg/Kg rat p.o.
Therapeutic cat	Antipsychotic
ATC	N05AA01 N NERVOUS SYSTEM N05 PSYCHOLEPTICS N05A ANTIPSYCHOTICS N05AA Phenothiazines with aliphatic side-chain
Receptors	D ₂

Nomi commerciali (IT)	
CLORPROMAZINA CLOR, LARGACTIL, PROZIN	C, RR, iniettabile, compresse