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## Typical Product Specifications & Properties

# 10-(2-(1-Methylpiperidin-2-yl)ethyl)-2-(methylthio)-10H-phenothiazine

CAS Number: : 50-52-2

Specifications	Limits
Molecular weight	370.58
EINECS	200-044-2
SMILES	CN1CCCCC1CCN2c3ccccc3Sc4c2cc(cc4)SC
InChI	1S/C21H26N2S2/c1-22-13-6-5-7-16(22)12-14-23-18-8-3-4-9-20(18)25-21-11-10-17(24-2)15-19(21)23/h3-4,8-11,15-16H,5-7,12-14H2,1-2H3
InChIKey	KLBQZWRITKRQQV-UHFFFAOYSA-N
Henry's Law Constant	1.50E-11 atm-m <sup>3</sup> /mole
log P (octanol-water)	5.9
Vapor Pressure	1.42E-09 mm Hg
Water solubility	0.034 mg/L
Melting Point	73 &deg; C
Atmospheric OH Rate Constant	3.23E-10 cm <sup>3</sup> /molecule-sec
pKa Dissociation Constant	9.5

