

Aminopromazine

Other names:	1,2-Propanediamine, N,N,N',N'-tetramethyl-3-(10H-phenothiazin-10-yl)- Phenothiazine, 10-[2,3-bis(dimethylamino)propyl]- [Bis(dimethylamino)-2',3'-propyl]-10-phenothiazine Aminopromazin Bayer A 124 Iminopromazine Jenotone Lispamol Proquamezine RP 3828 10-[2,3-Bis(Dimethylamino)propyl]phenothiazine 3828 R. P. Tetrameprozine
Inchi:	InChI=1S/C19H25N3S/c1-20(2)13-15(21(3)4)14-22-16-9-5-7-11-18(16)23-19-12-8-6-10-
InchiKey:	YZQNFFLGIYEXMM-UHFFFAOYSA-N
Formula:	C19H25N3S
SMILES:	CN(C)CC(CN1c2ccccc2Sc2ccccc21)N(C)C
Mol. weight [g/mol]:	327.49
CAS:	58-37-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.60		Crippen Method
logp	3.781		Crippen Method
mccvol	266.480	ml/mol	McGowan Method
rinpol	2434.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C58377&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices

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