Chlorpromazine M (nor-), monoacetylated

Inchi: InChI=1S/C18H19ClN2OS/c1-13(22)20(2)10-5-11-21-15-6-3-4-7-17(15)23-18-9-8-14(19)
InchiKey: SCOFNMIWGJSACM-UHFFFAOYSA-N
Formula: C18H19ClN2OS
SMILES: CC(=O)N(C)CCCN1c2ccccc2Sc2ccc(Cl)cc21
Mol. weight [g/mol]: 346.87

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.96		Crippen Method
logp	4.811		Crippen Method
mcvol	256.220	ml/mol	McGowan Method
rinpol	3068.00		NIST Webbook
rinpol	3068.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=R310180&Units=SI

Legend

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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.