

# Trifluopromazine M (nor-), monoacetylated

**Other names:** Triflupromazine M (nor-), acetylated  
**Inchi:** InChI=1S/C19H19F3N2OS/c1-13(25)23(2)10-5-11-24-15-6-3-4-7-17(15)26-18-9-8-14(12)  
**InchiKey:** XPSDEXXSOQHNR-UHFFFAOYSA-N  
**Formula:** C19H19F3N2OS  
**SMILES:** CC(=O)N(C)CCCN1c2ccccc2Sc2ccc(C(F)(F)F)cc21  
**Mol. weight [g/mol]:** 380.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.38		Crippen Method
logp	5.177		Crippen Method
mcvol	263.380	ml/mol	McGowan Method
rinpol	2740.00		NIST Webbook
rinpol	2740.00		NIST Webbook
rinpol	2740.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R310759&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## Legend

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

Latest version available from:

<https://www.cheméo.com/cid/82-090-1/Trifluopromazine-M-nor-monoacetylated.pdf>

Generated by Cheméo on 2024-04-19 16:01:29.659414662 +0000 UTC m=+15831738.579991974.

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