

# 2-Tetradecenoyl piperidide

**Inchi:** InChI=1S/C18H35NO/c1-2-3-4-5-6-7-8-9-10-12-15-18(20)19-16-13-11-14-17-19/h2-17H2  
**InchiKey:** ZAILEXMMRLASHM-UHFFFAOYSA-N  
**Formula:** C18H35NO  
**SMILES:** CCCCCCCCCCCCC(=O)N1CCCCC1  
**Mol. weight [g/mol]:** 281.48

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.60		Crippen Method
logp	5.310		Crippen Method
mcvol	265.170	ml/mol	McGowan Method
rinpol	2455.00		NIST Webbook

## Sources

**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)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R545965&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

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