

# 2-Thiopheneacetamide, N,N-dihexyl-

**Inchi:** InChI=1S/C18H31NOS/c1-3-5-7-9-13-19(14-10-8-6-4-2)18(20)16-17-12-11-15-21-17/h11  
**InchiKey:** FWGSNDHFLUYZAF-UHFFFAOYSA-N  
**Formula:** C18H31NOS  
**SMILES:** CCCCCCN(CCCCC)C(=O)Cc1cccs1  
**Mol. weight [g/mol]:** 309.51

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.40		Crippen Method
logp	5.280		Crippen Method
mcvol	272.920	ml/mol	McGowan Method
rinpol	2288.00		NIST Webbook
rinpol	2288.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U308137&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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

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