

# 2-Thiophenecarboxamide, N-nonyl-

**Inchi:** InChI=1S/C14H23NOS/c1-2-3-4-5-6-7-8-11-15-14(16)13-10-9-12-17-13/h9-10,12H,2-8,1  
**InchiKey:** XRGPFYCCDCHDO-UHFFFAOYSA-N  
**Formula:** C14H23NOS  
**SMILES:** CCCCCCCCNC(=O)c1cccs1  
**Mol. weight [g/mol]:** 253.40

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.92		Crippen Method
logp	4.228		Crippen Method
mcvol	216.560	ml/mol	McGowan Method
rinpol	2211.00		NIST Webbook
rinpol	2211.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U407031&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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