

# Thiophene-2-carboxamide, N-ethyl-N-decyl-

**Inchi:** InChI=1S/C17H29NOS/c1-3-5-6-7-8-9-10-11-14-18(4-2)17(19)16-13-12-15-20-16/h12-13  
**InchiKey:** GJWZVCLABYDURN-UHFFFAOYSA-N  
**Formula:** C17H29NOS  
**SMILES:** CCCCCCCCCN(CC)C(=O)c1cccs1  
**Mol. weight [g/mol]:** 295.48

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.56		Crippen Method
logp	5.351		Crippen Method
mcvol	258.830	ml/mol	McGowan Method
rinpol	2531.00		NIST Webbook
rinpol	2531.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U415313&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)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>

## 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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