

# 2-Thiopheneacetamide, N-nonyl-

**Inchi:** InChI=1S/C15H25NOS/c1-2-3-4-5-6-7-8-11-16-15(17)13-14-10-9-12-18-14/h9-10,12H,2-  
**InchiKey:** OJIYMICWQWUKJA-UHFFFAOYSA-N  
**Formula:** C15H25NOS  
**SMILES:** CCCCCCCCCN=C(O)Cc1cccs1  
**Mol. weight [g/mol]:** 267.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.78		Crippen Method
logp	4.998		Crippen Method
mcvol	230.650	ml/mol	McGowan Method
rinpol	2230.00		NIST Webbook
rinpol	2230.00		NIST Webbook

## Sources

**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=U407014&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## 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.chemeo.com/cid/91-202-6/2-Thiopheneacetamide-N-nonyl.pdf>

Generated by Cheméo on 2024-05-03 11:24:41.101429991 +0000 UTC m=+17024730.022007312.

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