# 2-Thiopheneacetamide, N-decyl-N-methyl-

**Inchi:** InChI=1S/C17H29NOS/c1-3-4-5-6-7-8-9-10-13-18(2)17(19)15-16-12-11-14-20-16/h11-12
**InchiKey:** NUWKDNIUHUWRPH-UHFFFAOYSA-N
**Formula:** C17H29NOS
**SMILES:** CCCCCCCCCCN(C)C(=O)Cc1cccs1
**Mol. weight [g/mol]:** 295.48

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -4.98 | | Crippen Method |
| logp | 4.890 | | Crippen Method |
| mcvol | 258.830 | ml/mol | McGowan Method |
| rinpol | 2328.00 | | NIST Webbook |
| rinpol | 2328.00 | | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U308138&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.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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