

Acetamide, 2-(2-thiophenyl)-N-ethyl-N-nonyl-

Inchi: InChI=1S/C17H29NOS/c1-3-5-6-7-8-9-10-13-18(4-2)17(19)15-16-12-11-14-20-16/h11-12
InchiKey: PYVIJWYLYXDZSGS-UHFFFAOYSA-N
Formula: C17H29NOS
SMILES: CCCCCCCCN(CC)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	1611.00		NIST Webbook
rinpol	1611.00		NIST Webbook

Sources

Crippen Method: 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=U415417&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/124-987-9/Acetamide-2-2-thiophenyl-N-ethyl-N-nonyl.pdf>

Generated by Cheméo on 2024-04-29 16:08:49.340741666 +0000 UTC m=+16696178.261318981.

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