2-Thiopheneacetamide, N,N-diheptyl-

Inchi: InChI=1S/C20H35NOS/c1-3-5-7-9-11-15-21(16-12-10-8-6-4-2)20(22)18-19-14-13-17-23-
InchiKey: IPQJRPQIIIJTIX-UHFFFAOYSA-N
Formula: C20H35NOS
SMILES: CCCCCCCN(CCCCCCC)C(=O)Cc1cccs1
Mol. weight [g/mol]: 337.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.24		Crippen Method
logp	6.060		Crippen Method
mcvol	301.100	ml/mol	McGowan Method
rinpol	2491.00		NIST Webbook
rinpol	2491.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U308140&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

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