2-Thiopheneacetamide, N-decyl-

Inchi: InChI=1S/C16H27NOS/c1-2-3-4-5-6-7-8-9-12-17-16(18)14-15-11-10-13-19-15/h10-11,13
InchiKey: UESQANGLNJCQIK-UHFFFAOYSA-N
Formula: C16H27NOS
SMILES: CCCCCCCCCCNC(=O)Cc1cccs1
Mol. weight [g/mol]: 281.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.18		Crippen Method
logp	4.547		Crippen Method
mcvol	244.740	ml/mol	McGowan Method
rinpol	2338.00		NIST Webbook
rinpol	2338.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U407015&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.