Thiophene-2-carboxamide, N-ethyl-N-undecyl-

Inchi: InChI=1S/C18H31NOS/c1-3-5-6-7-8-9-10-11-12-15-19(4-2)18(20)17-14-13-16-21-17/h13
InchiKey: QHBBOKPBBCFWBX-UHFFFAOYSA-N
Formula: C18H31NOS
SMILES: CCCCCCCCCCCN(CC)C(=O)c1cccs1
Mol. weight [g/mol]: 309.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.98		Crippen Method
logp	5.741		Crippen Method
mcvol	272.920	ml/mol	McGowan Method
rinpol	2740.00		NIST Webbook
rinpol	2740.00		NIST Webbook

Sources

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
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U415314&Units=SI

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.