Thiophene-2-carboxamide, N-ethyl-N-propyl-

Inchi: InChI=1S/C10H15NOS/c1-3-7-11(4-2)10(12)9-6-5-8-13-9/h5-6,8H,3-4,7H2,1-2H3
InchiKey: SEUPLHRQOLPNQO-UHFFFAOYSA-N
Formula: C10H15NOS
SMILES: CCCN(CC)C(=O)c1cccs1
Mol. weight [g/mol]: 197.30

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.63		Crippen Method
logp	2.620		Crippen Method
mcvol	160.200	ml/mol	McGowan Method
rinpol	1809.00		NIST Webbook
rinpol	1809.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U415303&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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.