2-Thiophenecarboxamide, N-pentyl-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.25		Crippen Method
logp	2.668		Crippen Method
mcvol	160.200	ml/mol	McGowan Method
rinpol	1780.00		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=U407025&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