2-Thiopheneacetamide, N,N-dibutyl-

Inchi: InChI=1S/C14H23NOS/c1-3-5-9-15(10-6-4-2)14(16)12-13-8-7-11-17-13/h7-8,11H,3-6,9-1
InchiKey: YLNPITQJUFDMHH-UHFFFAOYSA-N
Formula: C14H23NOS
SMILES: CCCCN(CCCC)C(=O)Cc1cccs1
Mol. weight [g/mol]: 253.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.73		Crippen Method
logp	3.719		Crippen Method
mcvol	216.560	ml/mol	McGowan Method
rinpol	1905.00		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=U308135&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