

Thiophene-2-carboxamide, N,N-dibutyl-

Inchi: InChI=1S/C13H21NOS/c1-3-5-9-14(10-6-4-2)13(15)12-8-7-11-16-12/h7-8,11H,3-6,9-10H
InchiKey: FLUVOROYLXNEGX-UHFFFAOYSA-N
Formula: C13H21NOS
SMILES: CCCCCN(CCCC)C(=O)c1cccs1
Mol. weight [g/mol]: 239.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.88		Crippen Method
logp	3.790		Crippen Method
mcvol	202.470	ml/mol	McGowan Method
rinpol	1814.00		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=U308190&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

Latest version available from:

<https://www.chemeo.com/cid/61-029-2/Thiophene-2-carboxamide-N-N-dibutyl.pdf>

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