Thiophene-2-carboxamide, N,N-dinonyl-

Inchi: InChI=1S/C23H41NOS/c1-3-5-7-9-11-13-15-19-24(23(25)22-18-17-21-26-22)20-16-14-12
InchiKey: DWLFPYTXXOKQDT-UHFFFAOYSA-N
Formula: C23H41NOS
SMILES: CCCCCCCCCN(CCCCCCCCC)C(=O)c1cccs1
Mol. weight [g/mol]: 379.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.07		Crippen Method
logp	7.692		Crippen Method
mcvol	343.370	ml/mol	McGowan Method
rinpol	2808.00		NIST Webbook
rinpol	2808.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U308198&Units=SI
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

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices

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