2-Thiopheneacetamide, N,N-dinonyl-

Inchi: InChI=1S/C24H43NOS/c1-3-5-7-9-11-13-15-19-25(20-16-14-12-10-8-6-4-2)24(26)22-23-
InchiKey: IALGBJPBOZJQPA-UHFFFAOYSA-N
Formula: C24H43NOS
SMILES: CCCCCCCCCN(CCCCCCCCC)C(=O)Cc1cccs1
Mol. weight [g/mol]: 393.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.91		Crippen Method
logp	7.620		Crippen Method
mcvol	357.460	ml/mol	McGowan Method
rinpol	2910.00		NIST Webbook
rinpol	2910.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U308143&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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.