Furan-2-carboxamide, N,N-diheptyl-

Inchi: InChI=1S/C19H33NO2/c1-3-5-7-9-11-15-20(16-12-10-8-6-4-2)19(21)18-14-13-17-22-18/l
InchiKey: VUZQBCNGTNOZER-UHFFFAOYSA-N
Formula: C19H33NO2
SMILES: CCCCCCCN(CCCCCCC)C(=O)c1ccco1
Mol. weight [g/mol]: 307.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.37		Crippen Method
logp	5.663		Crippen Method
mcvol	276.530	ml/mol	McGowan Method
rinpol	2221.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U308207&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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