2-Furancarboxamide, N-tetradecyl-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.99		Crippen Method
logp	5.710		Crippen Method
mcvol	276.530	ml/mol	McGowan Method
rinpol	2507.00		NIST Webbook
rinpol	2507.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U407253&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.