

Furan-2-carboxamide, N,N-didecyl-

Inchi: InChI=1S/C25H45NO2/c1-3-5-7-9-11-13-15-17-21-26(25(27)24-20-19-23-28-24)22-18-16
InchiKey: DEDPEYQKNCCMBM-UHFFFAOYSA-N
Formula: C25H45NO2
SMILES: CCCCCCCCCCN(CCCCCCCCCC)C(=O)c1ccco1
Mol. weight [g/mol]: 391.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.88		Crippen Method
logp	8.003		Crippen Method
mcvol	361.070	ml/mol	McGowan Method
rinpol	2831.00		NIST Webbook
rinpol	2831.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U308211&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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<https://www.chemeo.com/cid/10-386-2/Furan-2-carboxamide-N-N-didecyl.pdf>

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