2-Furancarboxamide, N-(1-naphthyl)-

Inchi: InChI=1S/C15H11NO2/c17-15(14-9-4-10-18-14)16-13-8-3-6-11-5-1-2-7-12(11)13/h1-10H

InchiKey: UDKTYZBSNANXPE-UHFFFAOYSA-N

Formula: C15H11NO2

SMILES: O=C(Nc1cccc2ccccc12)c1ccco1

Mol. weight [g/mol]: 237.25

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.99		Crippen Method
logp	3.685		Crippen Method
mcvol	176.950	ml/mol	McGowan Method
rinpol	2263.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U307043&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