

Furan-2-carboxamide, N,N-bis(2-ethylhexyl)-

Inchi: InChI=1S/C21H37NO2/c1-5-9-12-18(7-3)16-22(17-19(8-4)13-10-6-2)21(23)20-14-11-15-
InchiKey: HBTZDABPZKWFER-UHFFFAOYSA-N
Formula: C21H37NO2
SMILES: CCCCC(CC)CN(CC(CC)CCCC)C(=O)c1ccco1
Mol. weight [g/mol]: 335.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.73		Crippen Method
logp	6.155		Crippen Method
mcvol	304.710	ml/mol	McGowan Method
rinpola	2171.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U308206&Units=SI>

Legend

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

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<https://www.chemeo.com/cid/14-895-3/Furan-2-carboxamide-N-N-bis-2-ethylhexyl.pdf>

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