

# Furan-2-carboxamide, N-butyl-N-undecyl-

<b>Inchi:</b>	InChI=1S/C20H35NO2/c1-3-5-7-8-9-10-11-12-13-17-21(16-6-4-2)20(22)19-15-14-18-23-
<b>InchiKey:</b>	BSJNRKQYWXMADK-UHFFFAOYSA-N
<b>Formula:</b>	C20H35NO2
<b>SMILES:</b>	CCCCCCCCCCCN(CCCC)C(=O)c1ccco1
<b>Mol. weight [g/mol]:</b>	321.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.79		Crippen Method
logp	6.053		Crippen Method
mcvol	290.620	ml/mol	McGowan Method
rinpol	3124.00		NIST Webbook
rinpol	3124.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U415651&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U415651&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>

## Legend

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

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