

# Furan-2-carboxamide, N,N-dibutyl-

**Inchi:** InChI=1S/C13H21NO2/c1-3-5-9-14(10-6-4-2)13(15)12-8-7-11-16-12/h7-8,11H,3-6,9-10H  
**InchiKey:** VBUQMGBQKGXAGG-UHFFFAOYSA-N  
**Formula:** C13H21NO2  
**SMILES:** CCCCN(CCCC)C(=O)c1ccco1  
**Mol. weight [g/mol]:** 223.31

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.86		Crippen Method
logp	3.322		Crippen Method
mcvol	191.990	ml/mol	McGowan Method
rinpol	1643.00		NIST Webbook
rinpol	1643.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U308202&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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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