

# Furan-2-carboxamide, N-heptyl-n-octyl-

**Inchi:** InChI=1S/C20H35NO2/c1-3-5-7-9-11-13-17-21(16-12-10-8-6-4-2)20(22)19-15-14-18-23-  
**InchiKey:** ALZKYQSUFTXZLX-UHFFFAOYSA-N  
**Formula:** C20H35NO2  
**SMILES:** CCCCCCCCN(CCCCCC)C(=O)c1ccco1  
**Mol. weight [g/mol]:** 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        | 2323.00 |        | NIST Webbook   |

## Sources

**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>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U308208&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## 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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