# 2-Furancarboxamide, N-pentyl-

**Inchi:** InChI=1S/C10H15NO2/c1-2-3-4-7-11-10(12)9-6-5-8-13-9/h5-6,8H,2-4,7H2,1H3,(H,11,12)
**InchiKey:** WOFOKONYZCFKNF-UHFFFAOYSA-N
**Formula:** C10H15NO2
**SMILES:** CCCCCNC(=O)c1ccco1
**Mol. weight [g/mol]:** 181.23

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -7.22 | | Crippen Method |
| logp | 2.200 | | Crippen Method |
| mcvol | 149.720 | ml/mol | McGowan Method |
| rinpol | 1562.00 | | NIST Webbook |
| rinpol | 1562.00 | | NIST Webbook |

## Sources

**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=U407243&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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.