

2-Furancarboxamide, N-(1-naphthyl)-

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|-----------------------------|--|
| Inchi: | InChI=1S/C15H11NO2/c17-15(14-9-4-10-18-14)16-13-8-3-6-11-5-1-2-7-12(11)13/h1-10H |
| InchiKey: | UDKTYZBSNANXPE-UHFFFAOYSA-N |
| Formula: | C15H11NO2 |
| SMILES: | O=C(Nc1cccc2ccccc12)c1ccc1 |
| Mol. weight [g/mol]: | 237.25 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|--------|----------------|
| log10ws | -8.99 | | Crippen Method |
| logp | 3.685 | | Crippen Method |
| mcvol | 176.950 | ml/mol | McGowan Method |
| rinsol | 2263.00 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| McGowan Method: | http://link.springer.com/article/10.1007/BF02311772 |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U307043&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |

Legend

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

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<https://www.chemeo.com/cid/29-080-1/2-Furancarboxamide-N-1-naphthyl.pdf>

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