# Furan, 2-[(2-furyl)-(4-methylphenylamino)methylcarbonyl

**Inchi:** InChI=1S/C17H15NO3/c1-12-6-8-13(9-7-12)18-16(14-4-2-10-20-14)17(19)15-5-3-11-21-

**InchiKey:** GGWLLACYWSQUKT-UHFFFAOYSA-N

**Formula:** C17H15NO3

**SMILES:** Cc1ccc(NC(C(=O)c2ccco2)c2ccco2)cc1

**Mol. weight [g/mol]:** 281.31

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -13.39 | | Crippen Method |
| logp | 4.217 | | Crippen Method |
| mcvol | 211.000 | ml/mol | McGowan Method |
| rinpol | 2200.00 | | NIST Webbook |
| rinpol | 2200.00 | | NIST Webbook |

## Sources

**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R121207&Units=SI

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

**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

**rinpol:** Non-polar retention indices

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