# 3-(5'-formyl-2'-furyl)-2-phenyl-2-propenal

| | |
|---|---|
| **Inchi:** | InChI=1S/C14H10O3/c15-9-12(11-4-2-1-3-5-11)8-13-6-7-14(10-16)17-13/h1-10H/b12-8- |
| **InchiKey:** | KVOQWRJPVMGIMB-WQLSENKSSA-N |
| **Formula:** | C14H10O3 |
| **SMILES:** | O=CC(=Cc1ccc(C=O)o1)c1ccccc1 |
| **Mol. weight [g/mol]:** | 226.23 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -7.75 | | Crippen Method |
| logp | 2.832 | | Crippen Method |
| mcvol | 169.610 | ml/mol | McGowan Method |
| rinpol | 1881.00 | | NIST Webbook |

## Sources

| | |
|---|---|
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=R389814&Units=SI |
| **Crippen Method:** | http://pubs.acs.org/doi/abs/10.1021/ci990307l |
| **Crippen Method:** | 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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