1-Ethanone, 2-hydroxy, 1-(2-furyl)-2-benzoyl

Inchi: InChI=1S/C13H10O4/c14-11(9-5-2-1-3-6-9)13(16)12(15)10-7-4-8-17-10/h1-8,13,16H
InchiKey: BZRGEOFCSAEYJL-UHFFFAOYSA-N
Formula: C13H10O4
SMILES: O=C(c1ccccc1)C(O)C(=O)c1ccco1
Mol. weight [g/mol]: 230.22

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.13		Crippen Method
logp	1.706		Crippen Method
mcvol	165.690	ml/mol	McGowan Method
rinpol	1636.00		NIST Webbook
rinpol	1636.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R121069&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

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