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

Inchi: InChI=1S/C12H10O3/c13-11(9-5-2-1-3-6-9)12(14)10-7-4-8-15-10/h1-8,12,14H
InchiKey: HFXQFRLBXVLQIX-UHFFFAOYSA-N
Formula: C12H10O3
SMILES: O=C(c1ccccc1)C(O)c1ccco1
Mol. weight [g/mol]: 202.21

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.20		Crippen Method
logp	2.196		Crippen Method
mcvol	150.030	ml/mol	McGowan Method
rinpol	1562.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R121094&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