

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/ci9903071
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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