

# 1-((1R,2R,3R)-2-(3-Isopropylfuran-2-yl)-3-methylcyclopentyl)ethanone

<b>Other names:</b>	Ethanone, 1-[(1R,2R,3R)-3-methyl-2-[3-(1-methylethyl)-2-furanyl]cyclopentyl]- Ethanone, 1-[3-methyl-2-[3-(1-methylethyl)-2-furanyl]cyclopentyl]-, [1R-(1«alpha»,2«beta»,3«beta»)]- Furopelargone A furopelargone
<b>Inchi:</b>	InChI=1S/C15H22O2/c1-9(2)12-7-8-17-15(12)14-10(3)5-6-13(14)11(4)16/h7-10,13-14H,5
<b>InchiKey:</b>	DVIZGXBTTFXQQC-DDTOSNHZSA-N
<b>Formula:</b>	C15H22O2
<b>SMILES:</b>	CC(=O)C1CCC(C)C1c1occc1C(C)C
<b>Mol. weight [g/mol]:</b>	234.33
<b>CAS:</b>	1143-45-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.36		Crippen Method
logp	4.122		Crippen Method
mcvol	199.330	ml/mol	McGowan Method
rinsol	1588.00		NIST Webbook

## Sources

<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C1143459&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C1143459&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>rinsol:</b>	Non-polar retention indices

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