

# Levophenacymorphan

<b>Other names:</b>	Morphinan-3-ol, 17-(2-oxo-2-phenylethyl)- Morphinan-3-ol, 17-phenacyl- Benzorphanol Levophenacymorphinan-3-ol NIH 7525 Ro 4-0288/1 (-)-3-Hydroxy-N-phenacymorphinan Acetophenone, 2-(1,3,4,9,10,10a-hexahydro-6-hydroxy-2H-10,4a-iminoethanophenanthren-11-yl)-
<b>Inchi:</b>	<chem>C24H27NO2</chem>
<b>InchiKey:</b>	RCYBMSQOSGJZLO-UHFFFAOYSA-N
<b>Formula:</b>	C <sub>24</sub> H <sub>27</sub> NO <sub>2</sub>
<b>SMILES:</b>	<chem>O=C(CN1CCC23CCCC2C1Cc1ccc(O)cc13)c1ccccc1</chem>
<b>Mol. weight [g/mol]:</b>	361.48
<b>CAS:</b>	10061-32-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.24		Crippen Method
logp	4.333		Crippen Method
mvol	286.340	ml/mol	McGowan Method

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<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=C10061322&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C10061322&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>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume

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