

# Dihydromorphinone acetate

<b>Other names:</b>	3-Acetylhydromorphone Hydromorphone, acetyl
<b>Inchi:</b>	InChI=1S/C19H21NO4/c1-10(21)23-15-6-3-11-9-13-12-4-5-14(22)18-19(12,7-8-20(13)2)
<b>InchiKey:</b>	QVIUKMVKLLVCDU-UHFFFAOYSA-N
<b>Formula:</b>	C19H21NO4
<b>SMILES:</b>	CC(=O)Oc1ccc2c3c1OC1C(=O)CCC4C(C2)N(C)CCC314
<b>Mol. weight [g/mol]:</b>	327.37
<b>CAS:</b>	14696-22-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.11		Crippen Method
logp	1.850		Crippen Method
mvol	236.230	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=C14696221&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C14696221&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

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mvol:</b>	McGowan's characteristic volume

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