

# Alphaprodine

**Other names:**

4-Piperidinol, 1,3-dimethyl-4-phenyl-, propanoate (ester), cis-  
«alpha»-Prodine  
«alpha»-Prodinol  
Alphaprodin  
Nisentil  
Nisintil  
Prisilidene  
Prisilidin  
4-Piperidinol, 1,3-dimethyl-4-phenyl-, propanoate, cis-  
1,3-Dimethyl-4-phenyl-4-piperidinol propionate, cis-  
«alpha»-1,3-Dimethyl-4-phenyl-4-propionoxypiperidine  
«alpha»-1,3-Dimethyl-4-phenyl-4-piperidinyl propionate  
1,3-Dimethyl-4-phenyl-4-propionoxypiperidine  
Prisilidine  
Propionic acid, «alpha»-1,3-dimethyl-4-phenyl-4-piperidyl ester

**Inchi:** InChI=1S/C16H23NO2/c1-4-15(18)19-16(14-8-6-5-7-9-14)10-11-17(3)12-13(16)2/h5-9,13-15  
**InchiKey:** UVAZQQHAVMNMHE-CJNGLKHSVSA-N  
**Formula:** C16H23NO2  
**SMILES:** CCC(=O)OC1(c2ccccc2)CCN(C)CC1C  
**Mol. weight [g/mol]:** 261.36  
**CAS:** 77-20-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.88		Crippen Method
logp	2.807		Crippen Method
mcvol	219.100	ml/mol	McGowan Method
rinpol	1788.00		NIST Webbook
rinpol	1777.00		NIST Webbook
rinpol	1792.00		NIST Webbook
rinpol	1788.00		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=C77203&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C77203&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</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>rinpola:</b>	Non-polar retention indices

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