

# 4-Phenyl-6-chloro-acridone

<b>Inchi:</b>	InChI=1S/C19H12ClNO/c20-13-9-10-15-17(11-13)21-18-14(12-5-2-1-3-6-12)7-4-8-16(18)
<b>InchiKey:</b>	DYCGEGQLXHNSGJ-UHFFFAOYSA-N
<b>Formula:</b>	C19H12ClNO
<b>SMILES:</b>	O=c1c2ccc(Cl)cc2[nH]c2c(-c3ccccc3)cccc12
<b>Mol. weight [g/mol]:</b>	305.76
<b>CAS:</b>	116345-95-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.01		Crippen Method
logp	4.520		Crippen Method
mcvol	220.220	ml/mol	McGowan Method

## Sources

<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>
<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=C116345950&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C116345950&amp;Units=SI</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

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