

# 1-Cyclopropylsilatrane

<b>Inchi:</b>	InChI=1S/C9H17NO3Si/c1-2-9(1)14-11-6-3-10(4-7-12-14)5-8-13-14/h9H,1-8H2
<b>InchiKey:</b>	LYFOHNMMWOQOBZ-UHFFFAOYSA-N
<b>Formula:</b>	C9H17NO3Si
<b>SMILES:</b>	C1CN2CCO[Si](C3CC3)(O1)OCC2
<b>Mol. weight [g/mol]:</b>	215.32

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.68		Crippen Method
logp	0.468		Crippen Method
rinpol	1608.00		NIST Webbook
ripol	2558.00		NIST Webbook
ripol	2558.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R145629&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R145629&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>rinpol:</b>	Non-polar retention indices
<b>ripol:</b>	Polar retention indices

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<https://www.chemeo.com/cid/45-147-9/1-Cyclopropylsilatrane.pdf>

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