

# Silane, tetrabutyl-

<b>Other names:</b>	tetra-n-Butylsilane tetrabutylsilane
<b>Inchi:</b>	InChI=1S/C16H36Si/c1-5-9-13-17(14-10-6-2,15-11-7-3)16-12-8-4/h5-16H2,1-4H3
<b>InchiKey:</b>	REWDXIKKFOQRID-UHFFFAOYSA-N
<b>Formula:</b>	C16H36Si
<b>SMILES:</b>	CCCC[Si](CCCC)(CCCC)CCCC
<b>Mol. weight [g/mol]:</b>	256.54
<b>CAS:</b>	994-79-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.99		Crippen Method
logp	6.636		Crippen Method
rinpol	1486.00		NIST Webbook
rinpol	1486.00		NIST Webbook

## Sources

<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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C994796&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C994796&amp;Units=SI</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

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