

# 1,3-dimethylsilatrane

<b>Inchi:</b>	InChI=1S/C8H17NO3Si/c1-8-7-9-3-5-10-13(2,12-8)11-6-4-9/h8H,3-7H2,1-2H3
<b>InchiKey:</b>	SJSYJCKBYWTBQM-UHFFFAOYSA-N
<b>Formula:</b>	C8H17NO3Si
<b>SMILES:</b>	CC1CN2CCO[Si](C)(OCC2)O1
<b>Mol. weight [g/mol]:</b>	203.31

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.88		Crippen Method
logp	0.323		Crippen Method
rinpol	1380.00		NIST Webbook
rinpol	1380.00		NIST Webbook
ripol	2163.00		NIST Webbook

## 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>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R145456&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R145456&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</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

Latest version available from:

<https://www.chemeo.com/cid/24-389-4/1-3-dimethylsilatrane.pdf>

Generated by Cheméo on 2024-04-29 03:33:46.421284539 +0000 UTC m=+16650875.341861857.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.