

Silane, (2-cyclohexen-1-yloxy)trimethyl-

Other names:	2-Cyclohexen-1-ol, tms derivative
Inchi:	InChI=1S/C9H18OSi/c1-11(2,3)10-9-7-5-4-6-8-9/h5,7,9H,4,6,8H2,1-3H3
InchiKey:	FKFGNRAGIVMYRD-UHFFFAOYSA-N
Formula:	C9H18OSi
SMILES:	C[Si](C)(C)OC1C=CCCC1
Mol. weight [g/mol]:	170.32
CAS:	54725-71-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.59		Crippen Method
logp	2.947		Crippen Method
rinpol	1027.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C54725712&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/43-605-2/Silane-2-cyclohexen-1-yloxy-trimethyl.pdf>

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