

1,3,10-Trimethylsilatrane, a

Inchi:	InChI=1S/C9H19NO3Si/c1-8-6-10-4-5-11-14(3,12-8)13-9(2)7-10/h8-9H,4-7H2,1-3H3
InchiKey:	ABQKITIDZOGHSN-UHFFFAOYSA-N
Formula:	C9H19NO3Si
SMILES:	CC1CN2CCO[Si](C)(O1)OC(C)C2
Mol. weight [g/mol]:	217.34

Physical Properties

Property code	Value	Unit	Source
log10ws	1.35		Crippen Method
logp	0.711		Crippen Method
rinpol	1357.00		NIST Webbook
ripol	2066.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R145416&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/70-218-2/1-3-10-Trimethylsilatrane-a.pdf>

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