

6,6,8,8-Tetramethyl-2,5,7,9,12-pentaoxa-6,8-disilatr

Other names:	Silane, dimethyl(dimethyl(2-methoxyethoxy)silyloxy)(2-methoxyethoxy)-
Inchi:	InChI=1S/C10H26O5Si2/c1-11-7-9-13-16(3,4)15-17(5,6)14-10-8-12-2/h7-10H2,1-6H3
InchiKey:	NTMJKYJLZQVEPF-UHFFFAOYSA-N
Formula:	C10H26O5Si2
SMILES:	COCCO[Si](C)(C)O[Si](C)(C)OCCOC
Mol. weight [g/mol]:	282.48
CAS:	18001-62-2

Physical Properties

Property code	Value	Unit	Source
log10ws	3.29		Crippen Method
logp	1.733		Crippen Method
rinpol	1324.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18001622&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/76-979-2/6-6-8-8-Tetramethyl-2-5-7-9-12-pentaoxa-6-8-disilatridecane.pdf>

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