

3,8-Dioxa-2,9-disiladecane, 2,2,9,9-tetramethyl-

Other names:	1,4-Butanediol bis(trimethylsilyl) ether 2,2,9,9-Tetramethyl-3,8-dioxa-2,9-disiladecane 1,4-Butanediol, bis-TMS 1,3-Butanediol, bis-TMS
Inchi:	InChI=1S/C10H26O2Si2/c1-13(2,3)11-9-7-8-10-12-14(4,5)6/h7-10H2,1-6H3
InchiKey:	ITDZOVTUXDYFSE-UHFFFAOYSA-N
Formula:	C10H26O2Si2
SMILES:	C[Si](C)(C)OCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	234.48
CAS:	18001-91-7

Physical Properties

Property code	Value	Unit	Source
log10ws	1.72		Crippen Method
logp	3.470		Crippen Method
rinpol	1180.00		NIST Webbook
rinpol	1168.00		NIST Webbook
rinpol	1168.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18001917&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

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