

18-hydroxyoctadec-9-enoic acid, TMSi ester TMSi ether

Inchi:	InChI=1S/C24H50O3Si2/c1-28(2,3)26-23-21-19-17-15-13-11-9-7-8-10-12-14-16-18-20-2
InchiKey:	AJZXBBUEDNICSX-FPLPWBNLSA-N
Formula:	C24H50O3Si2
SMILES:	C[Si](C)(C)OCCCCCCCC=CCCCCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	442.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.77		Crippen Method
logp	8.234		Crippen Method
rinpol	2555.00		NIST Webbook
rinpol	2555.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R423746&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.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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