

# Hexadecanoic acid, 8-methyl, trimethylsilyl ester

Inchi:	InChI=1S/C20H42O2Si/c1-6-7-8-9-10-13-16-19(2)17-14-11-12-15-18-20(21)22-23(3,4)5/
InchiKey:	SXMLGMJSHUMLNY-UHFFFAOYSA-N
Formula:	C20H42O2Si
SMILES:	CCCCCCCC(C)CCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	342.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.87		Crippen Method
logp	7.092		Crippen Method
rinpol	2081.00		NIST Webbook
rinpol	2081.00		NIST Webbook

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R315209&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R315209&amp;Units=SI</a>

## Legend

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

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