

# cis-13,16-Docasadienoic acid, tert-butyldimethylsilyl ester

Other names:	13,16-Docasadienoic acid, (z)-, tbdms derivative
Inchi:	InChI=1S/C28H54O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-
InchiKey:	NDSATAFMIYTBCN-HDXUUTQWSA-N
Formula:	C28H54O2Si
SMILES:	CCCCC=CCC=CCCCCCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	450.81

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.16		Crippen Method
logp	9.909		Crippen Method
rinpol	2869.00		NIST Webbook
rinpol	2869.00		NIST Webbook

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333607&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333607&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## 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/96-605-4/cis-13-16-Docasadienoic-acid-tert-butyldimethylsilyl-ester.pdf>

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