

# Docosanoic acid, 22-(trimethylsiloxy)-, methyl ester

Other names:	22-hydroxydocosanoic acid, methyl ester TMSi ether
Inchi:	InChI=1S/C26H54O3Si/c1-28-26(27)24-22-20-18-16-14-12-10-8-6-5-7-9-11-13-15-17-19
InchiKey:	NEKJDRGEYVXLHW-UHFFFAOYSA-N
Formula:	C26H54O3Si
SMILES:	COC(=O)CCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	442.79
CAS:	21987-15-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.71		Crippen Method
logp	8.813		Crippen Method
rinpola	2863.00		NIST Webbook
rinpola	2863.00		NIST Webbook

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C21987155&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C21987155&amp;Units=SI</a>
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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

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

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