

7,7-Dimethyl-(5Z,8Z)-eicosadienoic acid, trimethylsilyl ester

Inchi:	InChI=1S/C25H48O2Si/c1-7-8-9-10-11-12-13-14-15-16-19-22-25(2,3)23-20-17-18-21-24
InchiKey:	SMZKWHCHHNJVEX-IKJQKJQYSA-N
Formula:	C25H48O2Si
SMILES:	CCCCCCCCC=CC(C)(C)C=CCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	408.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.67		Crippen Method
logp	8.594		Crippen Method
rinpol	2460.60		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333539&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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