

5,8,11,14-Eicosatetraynoic acid, trimethylsilyl ester

Other names:	5,8,11,14-Eicosatetraynoic acid, tms derivative
Inchi:	InChI=1S/C23H32O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23(24)25
InchiKey:	OGQYVEXVAHSTHD-UHFFFAOYSA-N
Formula:	C23H32O2Si
SMILES:	CCCCC#CCC#CCC#CCC#CCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	368.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.54		Crippen Method
logp	5.299		Crippen Method
rinpol	2633.90		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333547&Units=SI

Legend

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

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