Elaidic acid, tert-butyldimethylsilyl ester

Inchi:	InChI=1S/C24H48O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23(25)26-27(
InchiKey:	AHEYVESKZHRBPB-CCEZHUSRSA-N
Formula:	C24H48O2Si
SMILES:	CCCCCCCCC=CCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	396.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.64		Crippen Method
logp	8.572		Crippen Method
rinpol	2465.60		NIST Webbook
rinpol	2465.60		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U332941&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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