3,7,11,15-Tetramethyl-2-hexadecenal, O-TBDMS oxime, # 1

Inchi: InChI=1S/C26H53NOSi/c1-22(2)14-11-15-23(3)16-12-17-24(4)18-13-19-25(5)20-21-27-2

InchiKey: MOBOBCCDGDMJAQ-YTKSHGAHSA-N

Formula: C26H53NOSi

SMILES: CC(=CC=NO[Si](C)(C)C(C)(C)C)CCCC(C)CCCC(C)CCCC(C)C

Mol. weight [g/mol]: 423.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.13		Crippen Method
logp	9.379		Crippen Method
rinpol	2510.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R528420&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices