

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

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: MOBOBCCDGD MJAQ-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	2526.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R528435&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

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

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<https://www.chemeo.com/cid/39-570-6/3-7-11-15-Tetramethyl-2-hexadecenal-O-TBDMS-oxime-2.pdf>

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