2-Hexadecenal, O-TBDMS oxime, # 1

Inchi: InChI=1S/C22H45NOSi/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-23-24-25(5,6)22
InchiKey: WMHIFVAMGAGRAS-QJKRYWQBSA-N
Formula: C22H45NOSi
SMILES: CCCCCCCCCCCCCC=CC=NO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 367.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.18		Crippen Method
logp	8.251		Crippen Method
rinpol	2319.00		NIST Webbook
rinpol	2319.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R528386&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