

# 2-Hexadecenal, O-TBDMS oxime, # 2

**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	2355.00		NIST Webbook
rinpol	2355.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R528391&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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