

# Nonacosan-1-ol, TMS

**Inchi:** InChI=1S/C32H68OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32/s1-32  
**InchiKey:** HVSGKTPMMGDVDY-UHFFFAOYSA-N  
**Formula:** C32H68OSi  
**SMILES:** CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)C  
**Mol. weight [g/mol]:** 496.97  
**CAS:** 959236-93-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.36		Crippen Method
logp	12.391		Crippen Method
rinpol	3233.10		NIST Webbook
rinpol	3233.10		NIST Webbook

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C959236932&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/71-892-3/Nonacosan-1-ol-TMS.pdf>

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