

# 1-Docosanol, 20-methyl, TMS

**Inchi:** InChI=1S/C26H56OSi/c1-6-26(2)24-22-20-18-16-14-12-10-8-7-9-11-13-15-17-19-21-23-25  
**InchiKey:** WTWICDJQBLFZSU-UHFFFAOYSA-N  
**Formula:** C<sub>26</sub>H<sub>56</sub>OSi  
**SMILES:** CCC(C)CCCCCCCCCCCCCCCCCCCCO[Si](C)(C)C  
**Mol. weight [g/mol]:** 412.81

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.60		Crippen Method
logp	9.906		Crippen Method
rinpol	2626.00		NIST Webbook
rinpol	2626.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=R166671&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/86-645-1/1-Docosanol-20-methyl-TMS.pdf>

Generated by Cheméo on 2024-04-20 06:07:21.724275058 +0000 UTC m=+15882490.644852368.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.