

# Cardanol C17:1 (TMS)

**Inchi:** InChI=1S/C26H46OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-25-22-20-23-26(2)  
**InchiKey:** ZPSDLHGBWIGWRZ-KHPPLWFESA-N  
**Formula:** C26H46OSi  
**SMILES:** CCCCCC=CCCCCCCCCc1cccc(O[Si](C)(C)C)c1  
**Mol. weight [g/mol]:** 402.73

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.41		Crippen Method
logp	9.090		Crippen Method
rinpol	2679.20		NIST Webbook
rinpol	2679.20		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=U414073&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

Latest version available from:

<https://www.chemeo.com/cid/94-941-3/Cardanol-C17-1-TMS.pdf>

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