

# bis[(2E)-Dodec-2-en-1-yloxy](dimethyl)silane

**Inchi:** InChI=1S/C26H52O2Si/c1-5-7-9-11-13-15-17-19-21-23-25-27-29(3,4)28-26-24-22-20-18  
**InchiKey:** UEDKJUIQUAYS-DMBALSZOMSA-N  
**Formula:** C<sub>26</sub>H<sub>52</sub>O<sub>2</sub>Si  
**SMILES:** CCCCCCCCC=CCO[Si](C)(C)OCC=CCCCCCCCC  
**Mol. weight [g/mol]:** 424.78

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.22		Crippen Method
logp	9.115		Crippen Method
rinpol	2620.90		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U334074&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.cheméo.com/cid/51-651-2/bis-2E-Dodec-2-en-1-yloxy-dimethyl-silane.pdf>

Generated by Cheméo on 2024-05-03 04:29:43.500337971 +0000 UTC m=+16999832.420915284.

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