

# Silane, dimethyldi(dodec-9-ynyloxy)-

<b>Other names:</b>	9-Dodecyn-1-ol, dimethyl(dodec-9-yn-1-yloxy)silyl ether
<b>Inchi:</b>	InChI=1S/C26H48O2Si/c1-5-7-9-11-13-15-17-19-21-23-25-27-29(3,4)28-26-24-22-20-18
<b>InchiKey:</b>	YKSXBYCTECSJIZ-UHFFFAOYSA-N
<b>Formula:</b>	C26H48O2Si
<b>SMILES:</b>	CCC#CCCCCCCCCO[Si](C)(C)OCCCCCCCCC#CCC
<b>Mol. weight [g/mol]:</b>	420.74

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.10		Crippen Method
logp	8.010		Crippen Method
rinpol	2695.00		NIST Webbook
rinpol	2686.00		NIST Webbook
rinpol	2686.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U347880&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U347880&amp;Units=SI</a>

## Legend

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

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