

# Lupeol trimethylsilyl ether

<b>Inchi:</b>	InChI=1S/C33H58OSi/c1-22(2)23-14-17-30(5)20-21-32(7)24(28(23)30)12-13-26-31(6)18
<b>InchiKey:</b>	BMGOSBHKFWNLLC-UHFFFAOYSA-N
<b>Formula:</b>	C33H58OSi
<b>SMILES:</b>	C=C(C)C1CCC2(C)CCC3(C)C(CCC4C5(C)CCC(O[Si](C)(C)C)C(C)(C)C5CCC43C)C12
<b>Mol. weight [g/mol]:</b>	498.90
<b>CAS:</b>	55804-02-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.80		Crippen Method
logp	9.884		Crippen Method
rinpol	3434.80		NIST Webbook
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## Sources

<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=C55804029&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55804029&amp;Units=SI</a>
<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>

## 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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<https://www.chemeo.com/cid/88-451-4/Lupeol-trimethylsilyl-ether.pdf>

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