

# GA52, MeTMS

**Inchi:** InChI=1S/C30H52O7Si3/c1-18-14-29-15-19(18)13-20(35-38(4,5)6)23(29)30-16-21(36-39)  
**InchiKey:** BFIUSZFTBXJOBF-JHBMQEJISA-N  
**Formula:** C30H52O7Si3  
**SMILES:** C=C1CC23CC1CC(O[Si](C)(C)C)C2C12COC(=O)C(C)(C(O[Si](C)(C)C)C(O[Si](C)(C)C)C  
**Mol. weight [g/mol]:** 608.99

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.51		Crippen Method
logp	5.991		Crippen Method
rinpol	3076.00		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=R79668&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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<https://www.chemeo.com/cid/67-544-4/GA52-MeTMS.pdf>

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