

# GA42, MeTMS

**Inchi:** InChI=1S/C28H50O6Si2/c1-25-15-14-20(33-35(6,7)8)27(3,24(30)32-5)22(25)21(23(29)3  
**InchiKey:** PLUSRYJNJTVBJD-PJZPWTRYSA-N  
**Formula:** C28H50O6Si2  
**SMILES:** COC(=O)C1C2C(C)(CCC(O[Si](C)(C)C)C2(C)C(=O)OC)C2CCC3CC12CC3(C)O[Si](C)(C)C3  
**Mol. weight [g/mol]:** 538.86

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.66		Crippen Method
logp	6.021		Crippen Method
rinpol	2718.00		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=R79551&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/42-339-9/GA42-MeTMS.pdf>

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