

# GA83, MeTMS

**Inchi:** InChI=1S/C28H50O6Si2/c1-26-14-13-21(34-36(8,9)10)27(2,25(30)32-4)23(26)22(24(29))  
**InchiKey:** HRIMLHXLIPBGDK-VJTSEPMYSA-N  
**Formula:** C28H50O6Si2  
**SMILES:** COC(=O)C1C2C(C)(CCC(O[Si](C)(C)C)C2(C)C(=O)OC)C2CCC3CC12CC3CO[Si](C)(C)  
**Mol. weight [g/mol]:** 538.86

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.30		Crippen Method
logp	5.879		Crippen Method
rinpol	2778.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R80009&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## 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/37-688-8/GA83-MeTMS.pdf>

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