

# GA100, MeTMS

**Inchi:** InChI=1S/C28H48O6Si2/c1-18-22(33-35(6,7)8)28-17-27(18,34-36(9,10)11)16-13-19(28)  
**InchiKey:** CMRIHLHAXGAZEZ-AJVOKHNNSA-N  
**Formula:** C28H48O6Si2  
**SMILES:** C=C1C(O[Si](C)(C)C)C23CC1(O[Si](C)(C)C)CCC2C1(C)CCCC(C)(C(=O)OC)C1C3C(=O)C  
**Mol. weight [g/mol]:** 536.85

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.75		Crippen Method
logp	5.942		Crippen Method
rinpol	2567.00		NIST Webbook
rinpol	2576.00		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=R266221&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/16-705-1/GA100-MeTMS.pdf>

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