

# GA69, MeTMS

**Inchi:** InChI=1S/C23H34O5Si/c1-13-11-22-12-14(13)15(28-29(4,5)6)10-16(22)23-9-7-8-21(2,20)  
**InchiKey:** KKEMDAAVLAIFTB-DHKAYQAPSA-N  
**Formula:** C23H34O5Si  
**SMILES:** C=C1CC23CC1C(O[Si](C)(C)C)CC2C12CCCC(C)(C(=O)O1)C2C3C(=O)OC  
**Mol. weight [g/mol]:** 418.60

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.41		Crippen Method
logp	4.084		Crippen Method
rinpol	2497.00		NIST Webbook
rinpol	2512.00		NIST Webbook
rinpol	2489.00		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=R79846&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/50-617-1/GA69-MeTMS.pdf>

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