

# GA98, MeTMS

**Inchi:** InChI=1S/C31H56O7Si3/c1-21-16-29-19-31(21,38-41(11,12)13)15-14-23(29)30(20-36-39)22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41  
**InchiKey:** PDKXFCXWWQPGBS-NGJCGDFDSA-N  
**Formula:** C31H56O7Si3  
**SMILES:** C=C1CC23CC1(O[Si](C)(C)C)CCC2C1(CO[Si](C)(C)C)CC(O[Si](C)(C)C)CC(C)(C(=O)O)C  
**Mol. weight [g/mol]:** 625.03

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.14		Crippen Method
logp	6.773		Crippen Method
rinpol	2960.00		NIST Webbook
rinpol	2966.00		NIST Webbook
rinpol	2970.00		NIST Webbook
rinpol	2962.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R265733&Units=SI>

## Legend

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

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