

# GA7, MeTMS

**Inchi:** InChI=1S/C23H32O5Si/c1-13-11-22-12-14(13)7-8-15(22)23-10-9-16(28-29(4,5)6)21(2,20)  
**InchiKey:** QYWOOSKTNLXOPW-JKQFYZDSSA-N  
**Formula:** C23H32O5Si  
**SMILES:** C=C1CC23CC1CCC2C12C=CC(O[Si](C)(C)C)C(C)(C(=O)O1)C2C3C(=O)OC  
**Mol. weight [g/mol]:** 416.58

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.27		Crippen Method
logp	3.860		Crippen Method
rinpol	2541.00		NIST Webbook
rinpol	2517.00		NIST Webbook
rinpol	2519.00		NIST Webbook
rinpol	2520.00		NIST Webbook
rinpol	2505.00		NIST Webbook
rinpol	2486.00		NIST Webbook
rinpol	2520.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=R79967&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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