

# GA37, MeTMS

**Other names:** GA37, methyl ester TMS  
Gibberellin GA37, methyl ester trimethylsilyl ether  
GA37 methyl ester TMS ether

**Inchi:** InChI=1S/C24H36O5Si/c1-14-11-24-12-15(14)7-8-16(24)23-10-9-17(29-30(4,5)6)22(2,21)

**InchiKey:** OLGJVXOAJRNEZ-KTRYJUSISA-N

**Formula:** C<sub>24</sub>H<sub>36</sub>O<sub>5</sub>Si

**SMILES:** C=C1CC23CC1CCC2C12CCC(O[Si](C)(C)C)C(C)(C(=O)OC1)C2C3C(=O)OC

**Mol. weight [g/mol]:** 432.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.48		Crippen Method
logp	4.331		Crippen Method
rinpol	2763.00		NIST Webbook
rinpol	2763.00		NIST Webbook
rinpol	2739.00		NIST Webbook
rinpol	2759.00		NIST Webbook
rinpol	2753.00		NIST Webbook
rinpol	2773.00		NIST Webbook
rinpol	2732.00		NIST Webbook
rinpol	2747.00		NIST Webbook
rinpol	2747.00		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=R79494&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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