

# GA43 methyl ester TMS ether

**Other names:** GA43, MeTMS  
GA43, methyl ester TMS

**Inchi:** InChI=1S/C29H48O8Si2/c1-17-14-28-15-18(17)12-13-20(28)29(26(32)35-5)16-19(36-38)

**InchiKey:** UBBCCUZQBDRSGY-MIQKMETOSA-N

**Formula:** C29H48O8Si2

**SMILES:** C=C1CC23CC1CCC2C1(C(=O)OC)CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C)(C(=O)OC)C1

**Mol. weight [g/mol]:** 580.86

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.79		Crippen Method
logp	4.951		Crippen Method
rinpol	2714.00		NIST Webbook
rinpol	2722.00		NIST Webbook
rinpol	2723.00		NIST Webbook
rinpol	2725.00		NIST Webbook
rinpol	2728.00		NIST Webbook
rinpol	2744.00		NIST Webbook
rinpol	2714.00		NIST Webbook
rinpol	2728.00		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=R79565&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/43-478-4/GA43-methyl-ester-TMS-ether.pdf>

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