

# GA46 methyl ester TMS ether

<b>Other names:</b>	GA46, MeTMS
<b>Inchi:</b>	InChI=1S/C26H40O7Si/c1-15-11-25-12-16(15)9-10-18(25)26(23(29)32-5)14-17(33-34(6,
<b>InchiKey:</b>	ZVOYSZVAQICPHG-BENBUWORSAN
<b>Formula:</b>	C <sub>26</sub> H <sub>40</sub> O <sub>7</sub> Si
<b>SMILES:</b>	C=C1CC23CC1CCC2C1(C(=O)OC)CC(O[Si](C)(C)C)CC(C)(C(=O)OC)C1C3C(=O)OC
<b>Mol. weight [g/mol]:</b>	492.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.28		Crippen Method
logp	4.121		Crippen Method
rinpol	2604.00		NIST Webbook
rinpol	2616.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R79597&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R79597&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

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<https://www.chemeo.com/cid/16-538-7/GA46-methyl-ester-TMS-ether.pdf>

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