

# GA53-aldehyde methyl ester TMS ether

<b>Other names:</b>	[14C] GA19 methyl ester TMS ether
<b>Inchi:</b>	InChI=1S/C25H38O6Si/c1-16-13-24-14-25(16,31-32(5,6)7)12-9-17(24)23(15-26)11-8-10
<b>InchiKey:</b>	LITPYBGNJGOPIR-KWFGKROASA-N
<b>Formula:</b>	C <sub>25</sub> H <sub>38</sub> O <sub>6</sub> Si
<b>SMILES:</b>	<chem>C=C1CC23CC1(O[Si](C)(C)C)CCC2C1(C=O)CCCC(C)(C(=O)OC)C1C3C(=O)OC</chem>
<b>Mol. weight [g/mol]:</b>	462.65

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.53		Crippen Method
logp	4.291		Crippen Method
rinsol	2584.00		NIST Webbook
rinsol	2598.00		NIST Webbook

## Sources

<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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R181303&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R181303&amp;Units=SI</a>

## Legend

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

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