

# GA20, Me-TMS

**Other names:**

GA20 methyl ester TMS ether  
Gibberellin GA20, methyl ester trimethylsilyl ether  
Gibberelline GA20, methyl ester TMS ether

**Inchi:**

InChI=1S/C23H34O5Si/c1-14-12-21-13-22(14,28-29(4,5)6)11-8-15(21)23-10-7-9-20(2,19)

**InchiKey:**

ZXVZVLFTWHDLQN-LYIOEFPQSA-N

**Formula:**

C<sub>23</sub>H<sub>34</sub>O<sub>5</sub>Si

**SMILES:**

C=C1CC23CC1(O[Si](C)(C)C)CCC2C12CCCC(C)(C(=O)O1)C2C3C(=O)OC

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

418.60

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.66		Crippen Method
logp	4.228		Crippen Method
rinpol	2510.00		NIST Webbook
rinpol	2510.00		NIST Webbook
rinpol	2510.00		NIST Webbook
rinpol	2513.00		NIST Webbook
rinpol	2480.00		NIST Webbook
rinpol	2502.00		NIST Webbook
rinpol	2503.00		NIST Webbook
rinpol	2480.00		NIST Webbook
rinpol	2487.00		NIST Webbook
rinpol	2490.00		NIST Webbook
rinpol	2482.00		NIST Webbook
rinpol	2509.00		NIST Webbook
rinpol	2510.00		NIST Webbook
rinpol	2509.00		NIST Webbook
rinpol	2513.00		NIST Webbook
rinpol	2487.00		NIST Webbook
rinpol	2506.00		NIST Webbook
rinpol	2509.00		NIST Webbook
rinpol	2507.00		NIST Webbook
rinpol	2508.00		NIST Webbook
rinpol	2512.00		NIST Webbook
rinpol	2468.00		NIST Webbook
rinpol	2471.00		NIST Webbook
rinpol	2471.00		NIST Webbook

rinpol	2518.00	NIST Webbook
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rinpol	2494.00	NIST Webbook
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rinpol	2478.00	NIST Webbook
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rinpol	2497.00	NIST Webbook
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rropol	2480.00	NIST Webbook
rropol	2490.00	NIST Webbook
rropol	2513.00	NIST Webbook
rropol	2508.00	NIST Webbook
rropol	2518.00	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=R79298&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R79298&amp;Units=SI</a>

## Legend

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

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