

GA1, Me-TMS

Other names:	GA1, MeTMSi GA1 methyl ester TMS ether GA1, methyl ester TMS Gibberelline GA1, methyl ester TMS ether Gibberellin GA1, methyl ester trimethylsilyl ether
Inchi:	InChI=1S/C26H42O6Si2/c1-16-14-24-15-25(16,32-34(7,8)9)12-10-17(24)26-13-11-18(31
InchiKey:	UOYZRHLGPUDVGI-RWHUMPPASA-N
Formula:	C26H42O6Si2
SMILES:	C=C1CC23CC1(O[Si](C)(C)C)CCC2C12CCC(O[Si](C)(C)C)C(C)(C(=O)O1)C2C3C(=O)C
Mol. weight [g/mol]:	506.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.16		Crippen Method
logp	5.058		Crippen Method
rinpol	2671.00		NIST Webbook
rinpol	2665.00		NIST Webbook
rinpol	2676.00		NIST Webbook
rinpol	2663.00		NIST Webbook
rinpol	2686.00		NIST Webbook
rinpol	2687.00		NIST Webbook
rinpol	2676.00		NIST Webbook
rinpol	2676.00		NIST Webbook
rinpol	2678.00		NIST Webbook
rinpol	2688.00		NIST Webbook
rinpol	2694.00		NIST Webbook
rinpol	2674.00		NIST Webbook
rinpol	2674.00		NIST Webbook
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rinpol	2679.00	NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R79284&Units=SI>

Legend

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

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