

GA34 methyl ester TMS ether

Other names:	GA34, MeTMSi GA34, Me-TMS Gibberellin GA34, methyl ester trimethylsilyl ether GA34, methyl ester TMS
Inchi:	InChI=1S/C26H42O6Si2/c1-15-12-25-13-16(15)10-11-18(25)26-14-17(31-33(4,5)6)21(32
InchiKey:	MABXSEMQUIJETIP-PMDKZKSBSA-N
Formula:	C26H42O6Si2
SMILES:	<chem>C=C1CC23CC1CCC2C12CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C)(C(=O)O1)C2C3C(=O)C</chem>
Mol. weight [g/mol]:	506.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.92		Crippen Method
logp	4.914		Crippen Method
rinpol	2620.00		NIST Webbook
rinpol	2687.00		NIST Webbook
rinpol	2688.00		NIST Webbook
rinpol	2669.00		NIST Webbook
rinpol	2672.00		NIST Webbook
rinpol	2673.00		NIST Webbook
rinpol	2654.00		NIST Webbook
rinpol	2655.00		NIST Webbook
rinpol	2660.00		NIST Webbook
rinpol	2665.00		NIST Webbook
rinpol	2672.00		NIST Webbook
rinpol	2666.00		NIST Webbook
rinpol	2671.00		NIST Webbook
rinpol	2671.00		NIST Webbook
rinpol	2675.00		NIST Webbook
rinpol	2669.00		NIST Webbook
rinpol	2660.00		NIST Webbook
rinpol	2660.00		NIST Webbook
rinpol	2669.00		NIST Webbook
rinpol	2657.00		NIST Webbook
rinpol	2719.00		NIST Webbook
rinpol	2653.00		NIST Webbook
rinpol	2672.00		NIST Webbook

rinpol	2678.00	NIST Webbook
rinpol	2690.00	NIST Webbook
rinpol	2692.00	NIST Webbook
rinpol	2621.00	NIST Webbook
rinpol	2675.00	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R79462&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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