

GA8 methyl ester TMS ether

Other names:	GA8, MeTMSi GA8, Me-TMS Gibberellin GA8, methyl ester trimethylsilyl ether Gibberelline GA8, methyl ester TMS ether GA8, methyl ester TMS
Inchi:	InChI=1S/C29H50O7Si3/c1-18-15-27-17-28(18,36-39(10,11)12)14-13-20(27)29-16-19(3
InchiKey:	URXALWQXBINWJP-MASLEOCOSA-N
Formula:	C29H50O7Si3
SMILES:	C=C1CC23CC1(O[Si](C)(C)C)CCC2C12CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C)(C(=O)O1
Mol. weight [g/mol]:	594.96

Physical Properties

Property code	Value	Unit	Source
log10ws	0.33		Crippen Method
logp	5.888		Crippen Method
rinpol	2825.00		NIST Webbook
rinpol	2825.00		NIST Webbook
rinpol	2825.00		NIST Webbook
rinpol	2816.00		NIST Webbook
rinpol	2783.00		NIST Webbook
rinpol	2783.00		NIST Webbook
rinpol	2818.00		NIST Webbook
rinpol	2820.00		NIST Webbook
rinpol	2820.00		NIST Webbook
rinpol	2825.00		NIST Webbook
rinpol	2830.00		NIST Webbook
rinpol	2846.00		NIST Webbook
rinpol	2847.00		NIST Webbook
rinpol	2818.00		NIST Webbook
rinpol	2818.00		NIST Webbook
rinpol	2820.00		NIST Webbook
rinpol	2826.00		NIST Webbook
rinpol	2835.00		NIST Webbook
rinpol	2785.00		NIST Webbook
rinpol	2845.00		NIST Webbook
rinpol	2822.00		NIST Webbook
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rinpol	2809.00	NIST Webbook
rinpol	2818.00	NIST Webbook
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rropol	2832.00	NIST Webbook
rropol	2805.00	NIST Webbook
rropol	2821.00	NIST Webbook
rropol	2824.00	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R80077&Units=SI

Legend

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

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