

GA17, MeTMS

Other names:	GA17 methyl ester TMS ether Gibberelline GA17, methyl ester TMS ether GA17, methyl ester TMS
Inchi:	InChI=1S/C26H40O7Si/c1-16-14-24-15-25(16,33-34(6,7)8)13-10-17(24)26(22(29)32-5)1
InchiKey:	JZPIBPZKAPRUHC-IWOBXAFHSA-N
Formula:	C26H40O7Si
SMILES:	C=C1CC23CC1(O[Si](C)(C)C)CCC2C1(C(=O)OC)CCCC(C)(C(=O)OC)C1C3C(=O)OC
Mol. weight [g/mol]:	492.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.53		Crippen Method
logp	4.265		Crippen Method
rinpol	2596.00		NIST Webbook
rinpol	2578.00		NIST Webbook
rinpol	2572.00		NIST Webbook
rinpol	2594.00		NIST Webbook
rinpol	2590.00		NIST Webbook
rinpol	2595.00		NIST Webbook
rinpol	2598.00		NIST Webbook
rinpol	2555.00		NIST Webbook
rinpol	2554.00		NIST Webbook
rinpol	2558.00		NIST Webbook
rinpol	2557.00		NIST Webbook
rinpol	2602.00		NIST Webbook
rinpol	2602.00		NIST Webbook
rinpol	2629.00		NIST Webbook
rinpol	2629.00		NIST Webbook
rinpol	2575.00		NIST Webbook
rinpol	2575.00		NIST Webbook
rinpol	2582.00		NIST Webbook
rinpol	2583.00		NIST Webbook
rinpol	2575.00		NIST Webbook
rinpol	2579.00		NIST Webbook
rinpol	2583.00		NIST Webbook
rinpol	2584.00		NIST Webbook
rinpol	2585.00		NIST Webbook

rinpol	2605.00	NIST Webbook
rinpol	2568.00	NIST Webbook
rinpol	2571.00	NIST Webbook
rinpol	2590.00	NIST Webbook
rinpol	2594.00	NIST Webbook
rinpol	2569.00	NIST Webbook
rinpol	2567.00	NIST Webbook
rinpol	2560.00	NIST Webbook
rinpol	2569.00	NIST Webbook
rinpol	2585.00	NIST Webbook
rinpol	2582.00	NIST Webbook
rinpol	2573.00	NIST Webbook
rinpol	2609.00	NIST Webbook
rinpol	2557.00	NIST Webbook
rinpol	2581.00	NIST Webbook
rinpol	2592.00	NIST Webbook
rinpol	2594.00	NIST Webbook
rinpol	2583.00	NIST Webbook
rinpol	2572.00	NIST Webbook
rinpol	2629.00	NIST Webbook
rinpol	2583.00	NIST Webbook
rinpol	2585.00	NIST Webbook
rinpol	2594.00	NIST Webbook
rinpol	2556.00	NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R79252&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/63-197-4/GA17-MeTMS.pdf>

Generated by Cheméo on 2025-12-05 09:33:25.747522121 +0000 UTC m=+4675403.277562785.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.