GA2-aldehyde, TMS

Inchi:	InChI=1S/C25H42O5Si2/c1-22(30-32(6,7)8)15-24-13-16(22)9-10-18(24)25-12-11-19(29-
InchiKey:	SIUSHYQJYVVZEM-KAZDRPBOSA-N
Formula:	C25H42O5Si2
SMILES:	CC1(O[Si](C)(C)C)CC23CC1CCC2C12CCC(O[Si](C)(C)C)C(C)(C(=O)O1)C2C3C=O
Mol. weight [g/mol]:	478.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.07		Crippen Method
logp	5.164		Crippen Method
rinpol	2356.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R79408&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/46-784-1/GA2-aldehyde-TMS.pdf

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