

2-Propenoic acid, 2,3,3-tris[(trimethylsilyl)oxy]-, trimethylsilyl ester

Other names:	Hydroxymalonic acid, tetrakis-TMS
Inchi:	InChI=1S/C15H36O5Si4/c1-21(2,3)17-13(14(16)18-22(4,5)6)15(19-23(7,8)9)20-24(10,11)
InchiKey:	KCLKIFVDOMBHBR-UHFFFAOYSA-N
Formula:	C15H36O5Si4
SMILES:	C[Si](C)(C)OC(=O)C(O[Si](C)(C)C)=C(O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]:	408.79
CAS:	40333-10-6

Physical Properties

Property code	Value	Unit	Source
log10ws	4.23		Crippen Method
logp	5.088		Crippen Method
rinpola	1560.00		NIST Webbook
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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=C40333106&Units=SI

Legend

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

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