

Oxaloacetic acid, TMS

Other names:	Oxalacetic acid, TMS
Inchi:	InChI=1S/C10H20O5Si2/c1-16(2,3)14-9(12)7-8(11)10(13)15-17(4,5)6/h7H2,1-6H3
InchiKey:	NLYBKDSWHMNKLM-UHFFFAOYSA-N
Formula:	C10H20O5Si2
SMILES:	C[Si](C)(C)OC(=O)CC(=O)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	276.43

Physical Properties

Property code	Value	Unit	Source
log10ws	2.88		Crippen Method
logp	1.702		Crippen Method
rinpol	1565.00		NIST Webbook
rinpol	1577.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R95185&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/13-151-9/Oxaloacetic-acid-TMS.pdf>

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