

# Oxaloacetic acid, MO TBDMS # 1

**Inchi:** InChI=1S/C22H46O5Si3/c1-20(2,3)28(10,11)25-17(19(24)27-30(14,15)22(7,8)9)16-18(23)  
**InchiKey:** KPTKAWGLDFVNBA-UHFFFAOYSA-N  
**Formula:** C22H46O5Si3  
**SMILES:** CC(C)(C)[Si](C)(C)OC(=O)C=C(O[Si](C)(C)C(C)(C)C(=O)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 474.85

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.35		Crippen Method
logp	6.989		Crippen Method
rinpol	1855.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R564748&Units=SI>

## Legend

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

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