

# Succinic acid, monoethyl ester-, (TMS)

**Inchi:** InChI=1S/C9H18O4Si/c1-5-12-8(10)6-7-9(11)13-14(2,3)4/h5-7H2,1-4H3  
**InchiKey:** UXHNYNXXKXHRDRI-UHFFFAOYSA-N  
**Formula:** C9H18O4Si  
**SMILES:** CCOC(=O)CCC(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 218.32  
**CAS:** 959313-61-2

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | 0.63    |      | Crippen Method |
| logp          | 1.708   |      | Crippen Method |
| rinpol        | 1250.60 |      | NIST Webbook   |
| rinpol        | 1250.60 |      | 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=C959313612&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/97-136-4/Succinic-acid-monoethyl-ester-TMS.pdf>

Generated by Cheméo on 2024-05-01 16:41:11.052116303 +0000 UTC m=+16870919.972693615.

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