

# Pyruvic acid, MEOX-TMS

**Inchi:** InChI=1S/C7H15NO3Si/c1-6(8-10-2)7(9)11-12(3,4)5/h1-5H3/b8-6-  
**InchiKey:** RDATZQIINH XKAG-VURMDHGXSA-N  
**Formula:** C7H15NO3Si  
**SMILES:** CON=C(C)C(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 189.28

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | 1.09    |      | Crippen Method |
| logp          | 1.387   |      | Crippen Method |
| rinpol        | 1037.00 |      | NIST Webbook   |
| rinpol        | 1037.00 |      | 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=R606085&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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<https://www.chemeo.com/cid/113-234-6/Pyruvic-acid-MEOX-TMS.pdf>

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