

# Pivalic acid, TBDMS

**Inchi:** InChI=1S/C11H24O2Si/c1-10(2,3)9(12)13-14(7,8)11(4,5)6/h1-8H3  
**InchiKey:** YGLDEAJMGRHLIK-UHFFFAOYSA-N  
**Formula:** C11H24O2Si  
**SMILES:** CC(C)(C)C(=O)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 216.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.10		Crippen Method
logp	3.581		Crippen Method
rinpol	1534.00		NIST Webbook
rinpol	1534.00		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=R564842&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/27-447-6/Pivalic-acid-TBDMS.pdf>

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