

# 3-Methylphenylacetic acid, TBDMS

**Inchi:** InChI=1S/C15H24O2Si/c1-12-8-7-9-13(10-12)11-14(16)17-18(5,6)15(2,3)4/h7-10H,11H2  
**InchiKey:** QPFWDELDPCKSW-UHFFFAOYSA-N  
**Formula:** C15H24O2Si  
**SMILES:** Cc1cccc(CC(=O)O[Si](C)(C)C(C)(C)C)c1  
**Mol. weight [g/mol]:** 264.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.18		Crippen Method
logp	4.086		Crippen Method
rinpol	1600.00		NIST Webbook

## Sources

**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=R563587&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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