

# «beta»-(4-Methoxyphenyl)propionic acid, TBDMS

**Inchi:** InChI=1S/C16H26O3Si/c1-12(13-8-10-14(18-5)11-9-13)15(17)19-20(6,7)16(2,3)4/h8-12H  
**InchiKey:** SNMHIIDDYKJDLI-UHFFFAOYSA-N  
**Formula:** C16H26O3Si  
**SMILES:** COc1ccc(C(C)C(=O)O[Si](C)(C)C(C)(C)C)cc1  
**Mol. weight [g/mol]:** 294.46

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.20		Crippen Method
logp	4.347		Crippen Method
rinpol	1900.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R562742&Units=SI>  
**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)

## Legend

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

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