

# 3-Phenoxypropionic acid, TBDMS

**Inchi:** InChI=1S/C21H28O3Si/c1-21(2,3)25(4,5)24-20(22)15-14-17-10-9-13-19(16-17)23-18-11  
**InchiKey:** IFIOMBICNDCWQO-UHFFFAOYSA-N  
**Formula:** C21H28O3Si  
**SMILES:** CC(C)(C)[Si](C)(C)OC(=O)CCc1cccc(Oc2ccccc2)c1  
**Mol. weight [g/mol]:** 356.53

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.75		Crippen Method
logp	5.960		Crippen Method
rinpol	1774.00		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=R563592&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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