2-Phenoxypropionic acid, TBDMS

Inchi: InChI=1S/C15H24O3Si/c1-12(17-13-10-8-7-9-11-13)14(16)18-19(5,6)15(2,3)4/h7-12H,1-
InchiKey: BNTPVIZLSIFRPF-UHFFFAOYSA-N
Formula: C15H24O3Si
SMILES: CC(Oc1ccccc1)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 280.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.97		Crippen Method
logp	4.002		Crippen Method
rinpol	1618.00		NIST Webbook
rinpol	1618.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R563270&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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