4-Methylphenylacetic acid, TBDMS

Inchi: InChI=1S/C15H24O2Si/c1-12-7-9-13(10-8-12)11-14(16)17-18(5,6)15(2,3)4/h7-10H,11H2
InchiKey: GPNSVVIVKHSSLK-UHFFFAOYSA-N
Formula: C15H24O2Si
SMILES: Cc1ccc(CC(=O)O[Si](C)(C)C(C)(C)C)cc1
Mol. weight [g/mol]: 264.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.18		Crippen Method
logp	4.086		Crippen Method
rinpol	1613.00		NIST Webbook
rinpol	1613.00		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=R563814&Units=SI

Legend

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