Propanoic acid, 2-hydroxy-2-phenyl, DTBS

Inchi: InChI=1S/C17H26O3Si/c1-15(2,3)21(16(4,5)6)19-14(18)17(7,20-21)13-11-9-8-10-12-13/l
InchiKey: VQZJHCOZDVWGTN-UHFFFAOYSA-N
Formula: C17H26O3Si
SMILES: CC1(c2ccccc2)O[Si](C(C)(C)C)(C(C)(C)C)OC1=O
Mol. weight [g/mol]: 306.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.69		Crippen Method
logp	4.518		Crippen Method
rinpol	1825.00		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=R41324&Units=SI

Legend

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