Trimethylsilyl 5-acetyl-2-(trimethylsilyloxy)benzoic acid

Other names: Trimethylsilyl 5-acetyl-2-trimethylsiloxybenzoate
Inchi: InChI=1S/C15H24O4Si2/c1-11(16)12-8-9-14(18-20(2,3)4)13(10-12)15(17)19-21(5,6)7/h8
InchiKey: VRPXAVZLYQKJCZ-UHFFFAOYSA-N
Formula: C15H24O4Si2
SMILES: CC(=O)c1ccc(O[Si](C)(C)C)c(C(=O)O[Si](C)(C)C)c1
Mol. weight [g/mol]: 324.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.27		Crippen Method
logp	4.095		Crippen Method
rinpol	1884.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373484&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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