Silane, dimethyldi(4-acetylphenoxy)-

Inchi: InChI=1S/C18H20O4Si/c1-13(19)15-5-9-17(10-6-15)21-23(3,4)22-18-11-7-16(8-12-18)14
InchiKey: CJFYPSXJSDVYRL-UHFFFAOYSA-N
Formula: C18H20O4Si
SMILES: CC(=O)c1ccc(O[Si](C)(C)Oc2ccc(C(C)=O)cc2)cc1
Mol. weight [g/mol]: 328.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.31		Crippen Method
logp	4.251		Crippen Method
rinpol	2565.00		NIST Webbook
rinpol	2565.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347317&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