

Silane, dimethyl(4-acetylphenoxy)isobutoxy-

Inchi: InChI=1S/C14H22O3Si/c1-11(2)10-16-18(4,5)17-14-8-6-13(7-9-14)12(3)15/h6-9,11H,10H
InchiKey: BTOICOAWKKBGVKO-UHFFFAOYSA-N
Formula: C14H22O3Si
SMILES: CC(=O)c1ccc(O[Si](C)(C)OCC(C)C)cc1
Mol. weight [g/mol]: 266.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.82		Crippen Method
logp	3.642		Crippen Method
rinpol	1749.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347309&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/21-774-9/Silane-dimethyl-4-acetylphenoxy-isobutoxy.pdf>

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