

Silane, dimethyl(4-acetylphenoxy)heptyloxy-

Inchi: InChI=1S/C17H28O3Si/c1-5-6-7-8-9-14-19-21(3,4)20-17-12-10-16(11-13-17)15(2)18/h10
InchiKey: LXFFIEJFWYSWAN-UHFFFAOYSA-N
Formula: C17H28O3Si
SMILES: CCCCCCO[Si](C)(C)Oc1ccc(C(C)=O)cc1
Mol. weight [g/mol]: 308.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.32		Crippen Method
logp	4.957		Crippen Method
rinpol	2086.00		NIST Webbook
rinpol	2086.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347313&Units=SI>

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/117-179-4/Silane-dimethyl-4-acetylphenoxy-heptyloxy.pdf>

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