

Silane, dimethyl(4-acetylphenoxy)hexyloxy-

Inchi: InChI=1S/C16H26O3Si/c1-5-6-7-8-13-18-20(3,4)19-16-11-9-15(10-12-16)14(2)17/h9-12H
InchiKey: CSRNLXSTZFJCCM-UHFFFAOYSA-N
Formula: C16H26O3Si
SMILES: CCCCCO[Si](C)(C)Oc1ccc(C(C)=O)cc1
Mol. weight [g/mol]: 294.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.90		Crippen Method
logp	4.567		Crippen Method
rinpol	1993.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347312&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/45-110-9/Silane-dimethyl-4-acetylphenoxy-hexyloxy.pdf>

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