

Silane, dimethyl(4-chlorobenzoyloxy)pentyl-oxo-

Inchi: InChI=1S/C14H23ClO2Si/c1-4-5-6-11-16-18(2,3)17-12-13-7-9-14(15)10-8-13/h7-10H,4-6H
InchiKey: MQGSHQRIRFNQJY-UHFFFAOYSA-N
Formula: C14H23ClO2Si
SMILES: CCCCCO[Si](C)(C)OCc1ccc(Cl)cc1
Mol. weight [g/mol]: 286.87

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.77		Crippen Method
logp	4.765		Crippen Method
rinpol	1759.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346996&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/68-178-0/Silane-dimethyl-4-chlorobenzoyloxy-pentyl-oxo-.pdf>

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