

Silane, dimethyl(4-chlorobenzoyloxy)nonyloxy-

Inchi: InChI=1S/C18H31ClO2Si/c1-4-5-6-7-8-9-10-15-20-22(2,3)21-16-17-11-13-18(19)14-12-1
InchiKey: MRYPTUGXMFJTOE-UHFFFAOYSA-N
Formula: C18H31ClO2Si
SMILES: CCCCCCCCCO[Si](C)(C)OCc1ccc(Cl)cc1
Mol. weight [g/mol]: 342.98

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.45		Crippen Method
logp	6.326		Crippen Method
rinpol	2144.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347000&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/39-665-1/Silane-dimethyl-4-chlorobenzoyloxy-nonyloxy.pdf>

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