

Silane, diethyl(4-chlorobenzoyloxy)octadecyloxy-

Inchi: InChI=1S/C29H53ClO2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-26-31-33(5-29)OCc1ccc(Cl)cc1
InchiKey: JVKQXEGSAFLNJP-UHFFFAOYSA-N
Formula: C29H53ClO2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](CC)(CC)OCc1ccc(Cl)cc1
Mol. weight [g/mol]: 497.27

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.05		Crippen Method
logp	10.617		Crippen Method
rinpol	3232.00		NIST Webbook
rinpol	3232.00		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=U363141&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/49-386-0/Silane-diethyl-4-chlorobenzoyloxy-octadecyloxy.pdf>

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