Silane, dimethyl(4-chlorobenzyloxy)docosyloxy-

Inchi: InChI=1S/C31H57ClO2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-28

InchiKey: IXAFXHVWQDYLKY-UHFFFAOYSA-N

Formula: C31H57ClO2Si

SMILES: CCCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)OCc1ccc(Cl)cc1

Mol. weight [g/mol]: 525.32

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.89		Crippen Method
logp	11.397		Crippen Method
rinpol	3579.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347004&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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https://www.chemeo.com/cid/73-591-5/Silane-dimethyl-4-chlorobenzyloxy-docosyloxy.pdf

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