

Silane, dimethyl(4-chlorobenzoyloxy)docosyloxy-

Inchi: InChI=1S/C31H57ClO2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24
InchiKey: IXAFXHVWQDYLYKY-UHFFFAOYSA-N
Formula: C31H57ClO2Si
SMILES: CCCCCCCCCCCCCCCCCCCCCCO[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.cheméo.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

Latest version available from:

<https://www.cheméo.com/cid/73-591-5/Silane-dimethyl-4-chlorobenzoyloxy-docosyloxy.pdf>

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