

Silane, diethyl(4-chlorobenzyloxy)tetradecyloxy-

Inchi: InChI=1S/C25H45ClO2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-22-27-29(5-2,6-3)28-23-2
InchiKey: RQADZAYLWCXIKH-UHFFFAOYSA-N
Formula: C25H45ClO2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)OCc1ccc(Cl)cc1
Mol. weight [g/mol]: 441.16

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.38		Crippen Method
logp	9.056		Crippen Method
rinpol	2819.00		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=U363137&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/39-171-9/Silane-diethyl-4-chlorobenzyloxy-tetradecyloxy.pdf>

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