

Silane, diethyl(4-chlorobenzyloxy)decyloxy-

Inchi: InChI=1S/C21H37ClO2Si/c1-4-7-8-9-10-11-12-13-18-23-25(5-2,6-3)24-19-20-14-16-21(2)
InchiKey: KVAMSZKIFMRIPB-UHFFFAOYSA-N
Formula: C₂₁H₃₇ClO₂Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)OCc1ccc(Cl)cc1
Mol. weight [g/mol]: 385.06

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.70		Crippen Method
logp	7.496		Crippen Method
rinpol	2418.00		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=U363133&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/60-035-6/Silane-diethyl-4-chlorobenzyloxy-decyloxy.pdf>

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