Silane, dimethyl(4-chlorobenzyloxy)tetradecyloxy-

Inchi: InChI=1S/C23H41ClO2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-20-25-27(2,3)26-21-22-16-1

InchiKey: YQXUMMKDCCLYGP-UHFFFAOYSA-N

Formula: C23H41ClO2Si

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

Mol. weight [g/mol]: 413.11

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.54		Crippen Method
logp	8.276		Crippen Method
rinpol	2647.00		NIST Webbook
rinpol	2647.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347002&Units=SI

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

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices