

Silane, diethyl(4-chloro-2-methylphenoxy)hexadecyloxy-

Inchi: InChI=1S/C27H49ClO2Si/c1-5-8-9-10-11-12-13-14-15-16-17-18-19-20-23-29-31(6-2,7-3)
InchiKey: VHAZGJRRBIMRLQ-UHFFFAOYSA-N
Formula: C27H49ClO2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)Oc1ccc(Cl)cc1C
Mol. weight [g/mol]: 469.21

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.43		Crippen Method
logp	10.007		Crippen Method
rinsol	3011.00		NIST Webbook
rinsol	3011.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363298&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/125-219-0/Silane-diethyl-4-chloro-2-methylphenoxy-hexadecyloxy.pdf>

Generated by Cheméo on 2024-04-27 23:09:18.882536342 +0000 UTC m=+16548607.803113657.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.