

Silane, dimethyl(2,5-dimethylphenoxy)pentadecyloxy-

Inchi: InChI=1S/C25H46O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-18-21-26-28(4,5)27-25-22-2
InchiKey: WNUPHDBQUHAOTI-UHFFFAOYSA-N
Formula: C25H46O2Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)Oc1cc(C)ccc1C
Mol. weight [g/mol]: 406.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.96		Crippen Method
logp	8.492		Crippen Method
rinpol	2571.00		NIST Webbook
rinpol	2571.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347300&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/59-399-5/Silane-dimethyl-2-5-dimethylphenoxy-pentadecyloxy.pdf>

Generated by Cheméo on 2024-04-26 04:47:23.470103754 +0000 UTC m=+16396092.390681080.

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