

Silane, diethyl(2,5-dimethylphenoxy)hexadecyloxy-

Inchi: InChI=1S/C28H52O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-20-21-24-29-31(7-2,8-3)3
InchiKey: ZTISTSMAJMMADD-UHFFFAOYSA-N
Formula: C28H52O2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)Oc1cc(C)ccc1C
Mol. weight [g/mol]: 448.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.22		Crippen Method
logp	9.662		Crippen Method
rinpol	2837.00		NIST Webbook
rinpol	2837.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363264&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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

Latest version available from:

<https://www.chemeo.com/cid/13-522-7/Silane-diethyl-2-5-dimethylphenoxy-hexadecyloxy.pdf>

Generated by Cheméo on 2024-04-17 15:56:01.530213715 +0000 UTC m=+15658610.450791027.

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