

Silane, diethyldodecyloxy(2-phenylphenoxy)-

Inchi: InChI=1S/C28H44O2Si/c1-4-7-8-9-10-11-12-13-14-20-25-29-31(5-2,6-3)30-28-24-19-18-
InchiKey: KHBBZTOSILWRAN-UHFFFAOYSA-N
Formula: C28H44O2Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)Oc1cccc1-c1cccc1
Mol. weight [g/mol]: 440.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.19		Crippen Method
logp	9.152		Crippen Method
rinpol	2865.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363284&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/60-240-8/Silane-diethyldodecyloxy-2-phenylphenoxy.pdf>

Generated by Cheméo on 2024-04-19 17:48:43.837519702 +0000 UTC m=+15838172.758097014.

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