

Silane, diphenyldecyloxy(2-ethoxyethoxy)-

Inchi: InChI=1S/C26H40O3Si/c1-3-5-6-7-8-9-10-17-22-28-30(29-24-23-27-4-2,25-18-13-11-14-
InchiKey: BDACYXAIMWJEQA-UHFFFAOYSA-N
Formula: C26H40O3Si
SMILES: CCCCCCCCCCO[Si](OCCOCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 428.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.76		Crippen Method
logp	5.453		Crippen Method
rinpol	2687.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367667&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/29-589-7/Silane-diphenyldecyloxy-2-ethoxyethoxy.pdf>

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