

Silane, diphenyldodecyloxy(2-methoxyethoxy)-

Inchi: InChI=1S/C27H42O3Si/c1-3-4-5-6-7-8-9-10-11-18-23-29-31(30-25-24-28-2,26-19-14-12-
InchiKey: WNVIGTLUXLAZRM-UHFFFAOYSA-N
Formula: C27H42O3Si
SMILES: CCCCCCCCCCCCCO[Si](OCCOC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 442.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.18		Crippen Method
logp	5.844		Crippen Method
rinpol	2837.00		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=U367732&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/65-859-7/Silane-diphenyldodecyloxy-2-methoxyethoxy.pdf>

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