

Silane, diphenyldecyloxy(2-methoxyethoxy)-

Inchi: InChI=1S/C25H38O3Si/c1-3-4-5-6-7-8-9-16-21-27-29(28-23-22-26-2,24-17-12-10-13-18-25)
InchiKey: VOLZEJXSTUKUDY-UHFFFAOYSA-N
Formula: C25H38O3Si
SMILES: CCCCCCCCCO[Si](OCCOC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 414.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.35		Crippen Method
logp	5.063		Crippen Method
rinpol	2646.00		NIST Webbook
rinpol	2646.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367730&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/20-027-9/Silane-diphenyldecyloxy-2-methoxyethoxy.pdf>

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