

Silane, diphenyl(2-decyloxy)ethoxy-

Inchi: InChI=1S/C24H36O2Si/c1-4-6-7-8-9-12-17-22(3)26-27(25-5-2,23-18-13-10-14-19-23)24-
InchiKey: JIBKELXUGXUXKR-UHFFFAOYSA-N
Formula: C24H36O2Si
SMILES: CCCCCCCC(C)O[Si](OCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 384.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.95		Crippen Method
logp	5.435		Crippen Method
rinpol	2357.00		NIST Webbook
rinpol	2357.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367579&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

Latest version available from:

<https://www.cheméo.com/cid/12-604-7/Silane-diphenyl-2-decyloxy-ethoxy.pdf>

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