

Silane, diphenyldecyloxy(2,4-dimethylpent-3-yloxy)-

Inchi: InChI=1S/C29H46O2Si/c1-6-7-8-9-10-11-12-19-24-30-32(27-20-15-13-16-21-27,28-22-1
InchiKey: GTBYSJJEOLMECV-UHFFFAOYSA-N
Formula: C29H46O2Si
SMILES: CCCCCCCCCO[Si](OC(C(C)C)C(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 454.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.56		Crippen Method
logp	7.097		Crippen Method
rinpol	2721.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367534&Units=SI>

Legend

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

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