

Silane, diphenylisohexyloxy(2,4,4-trimethylpentyloxy)-

Inchi: InChI=1S/C26H40O2Si/c1-22(2)14-13-19-27-29(24-15-9-7-10-16-24,25-17-11-8-12-18-20-21)/1
InchiKey: PTVUUNZKRQVFJP-UHFFFAOYSA-N
Formula: C26H40O2Si
SMILES: CC(C)CCCO[Si](OCC(C)CC(C)(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 412.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.95		Crippen Method
logp	5.785		Crippen Method
rinpol	2368.00		NIST Webbook
rinpol	2368.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368053&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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<https://www.chemeo.com/cid/24-786-3/Silane-diphenylisohexyloxy-2-4-4-trimethylpentyloxy.pdf>

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