

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

Inchi: InChI=1S/C27H42O2Si/c1-6-7-8-9-16-21-28-30(25-17-12-10-13-18-25,26-19-14-11-15-2)
InchiKey: GZTAHEATNKTLMM-UHFFFAOYSA-N
Formula: C27H42O2Si
SMILES: CCCCCCO[Si](OCC(C)CC(C)(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 426.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.61		Crippen Method
logp	6.319		Crippen Method
rinpol	2499.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368054&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/63-198-3/Silane-diphenylheptyloxy-2-4-4-trimethylpentyloxy.pdf>

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