

Silane, diphenylheptyloxy(hex-2-yloxy)-

Inchi: InChI=1S/C25H38O2Si/c1-4-6-8-9-16-22-26-28(24-18-12-10-13-19-24,25-20-14-11-15-2)
InchiKey: UXLIFACCWJAJIV-UHFFFAOYSA-N
Formula: C₂₅H₃₈O₂Si
SMILES: CCCCCCO[Si](OC(C)CCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 398.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.37		Crippen Method
logp	5.825		Crippen Method
rinpol	2396.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367695&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/65-895-7/Silane-diphenylheptyloxy-hex-2-yloxy.pdf>

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