

Silane, diphenyl(3,3-dimethylbut-2-yloxy)heptyloxy-

Inchi: InChI=1S/C25H38O2Si/c1-6-7-8-9-16-21-26-28(23-17-12-10-13-18-23,24-19-14-11-15-20)
InchiKey: QLCDYLPSAIQEGX-UHFFFAOYSA-N
Formula: C₂₅H₃₈O₂Si
SMILES: CCCCCCO[Si](OC(C)C(C)(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 398.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.13		Crippen Method
logp	5.681		Crippen Method
rinpol	2363.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367678&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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