

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

Inchi: InChI=1S/C27H42O2Si/c1-6-7-8-9-10-11-18-23-28-30(25-19-14-12-15-20-25,26-21-16-17-22)/Si1
InchiKey: XJTBIZYJDFJUEW-UHFFFAOYSA-N
Formula: C27H42O2Si
SMILES: CCCCCCCCCO[Si](OC(C)C(C)(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 426.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.97		Crippen Method
logp	6.461		Crippen Method
rinpol	2558.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367680&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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