

Silane, diphenylisobutoxy(3-methylbut-2-yloxy)-

Inchi: InChI=1S/C21H30O2Si/c1-17(2)16-22-24(23-19(5)18(3)4,20-12-8-6-9-13-20)21-14-10-7-
InchiKey: SWAZRGODHIFAQU-UHFFFAOYSA-N
Formula: C21H30O2Si
SMILES: CC(C)CO[Si](OC(C)C(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 342.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.21		Crippen Method
logp	3.977		Crippen Method
rinpol	1989.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367640&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

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<https://www.chemeo.com/cid/67-530-9/Silane-diphenylisobutoxy-3-methylbut-2-yloxy.pdf>

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