

Silane, diphenylbutoxy(3-methylbut-3-en-1-yloxy)-

Inchi: InChI=1S/C21H28O2Si/c1-4-5-17-22-24(23-18-16-19(2)3,20-12-8-6-9-13-20)21-14-10-7-
InchiKey: ROMIOISWFJXUMU-UHFFFAOYSA-N
Formula: C₂₁H₂₈O₂Si
SMILES: C=C(C)CCO[Si](OCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 340.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.44		Crippen Method
logp	4.042		Crippen Method
rinpol	2114.00		NIST Webbook
rinpol	2114.00		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=U367807&Units=SI>

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/27-207-2/Silane-diphenylbutoxy-3-methylbut-3-en-1-yloxy.pdf>

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