

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

Inchi: InChI=1S/C22H28O2Si/c1-19(2)15-17-23-25(24-18-16-20(3)4,21-11-7-5-8-12-21)22-13-9
InchiKey: NIONPLPCHSAOER-UHFFFAOYSA-N
Formula: C22H28O2Si
SMILES: C=C(C)CCO[Si](OCCC(=C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 352.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.71		Crippen Method
logp	4.209		Crippen Method
rinpol	2186.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367819&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/35-744-7/Silane-diphenyldi-3-methylbut-3-en-1-yloxy.pdf>

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