

Silane, diphenylisobutoxy(3-methylpentyloxy)-

Inchi: InChI=1S/C22H32O2Si/c1-5-20(4)16-17-23-25(24-18-19(2)3,21-12-8-6-9-13-21)22-14-10
InchiKey: XXVUNWVXBCLDHU-UHFFFAOYSA-N
Formula: C22H32O2Si
SMILES: CCC(C)CCO[Si](OCC(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.52		Crippen Method
logp	4.368		Crippen Method
rinpol	2137.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367780&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/42-825-9/Silane-diphenylisobutoxy-3-methylpentyloxy.pdf>

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