

Silane, diphenylisobutoxy(5-methoxy-3-methylpentylloxy)

Inchi: InChI=1S/C23H34O3Si/c1-20(2)19-26-27(22-11-7-5-8-12-22,23-13-9-6-10-14-23)25-18-1
InchiKey: OAFWCRPJPWBKKBK-UHFFFAOYSA-N
Formula: C23H34O3Si
SMILES: COCCC(C)CCO[Si](OCC(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 386.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.03		Crippen Method
logp	3.995		Crippen Method
rinpol	2333.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367595&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

Latest version available from:

<https://www.chemeo.com/cid/64-682-4/Silane-diphenylisobutoxy-5-methoxy-3-methylpentylloxy.pdf>

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