

Silane, diphenyl(4-heptyloxy)isobutoxy-

Inchi: InChI=1S/C23H34O2Si/c1-5-13-21(14-6-2)25-26(24-19-20(3)4,22-15-9-7-10-16-22)23-17
InchiKey: XVOPCHTVUOHXMQ-UHFFFAOYSA-N
Formula: C23H34O2Si
SMILES: CCCC(CCC)O[Si](OCC(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 370.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.29		Crippen Method
logp	4.901		Crippen Method
rinpol	2116.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367500&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/29-950-5/Silane-diphenyl-4-heptyloxy-isobutoxy.pdf>

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