

Silane, diphenyl(hex-2-yloxy)isobutoxy-

Inchi: InChI=1S/C22H32O2Si/c1-5-6-13-20(4)24-25(23-18-19(2)3,21-14-9-7-10-15-21)22-16-11
InchiKey: QJLJTHZUNPBNDX-UHFFFAOYSA-N
Formula: C22H32O2Si
SMILES: CCCCC(C)O[Si](OCC(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.87		Crippen Method
logp	4.511		Crippen Method
rinpol	2076.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367691&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/52-257-9/Silane-diphenyl-hex-2-yloxy-isobutoxy.pdf>

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