

Silane, diphenylbutoxy(hex-3-yloxy)-

Inchi: InChI=1S/C22H32O2Si/c1-4-7-19-23-25(21-15-10-8-11-16-21,22-17-12-9-13-18-22)24-2
InchiKey: RZEDVWWWKLLZET-UHFFFAOYSA-N
Formula: C22H32O2Si
SMILES: CCCCCO[Si](OC(CC)CCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.11		Crippen Method
logp	4.655		Crippen Method
rinpol	2113.00		NIST Webbook
rinpol	2113.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367609&Units=SI>

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/46-088-4/Silane-diphenylbutoxy-hex-3-yloxy.pdf>

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