

Silane, diphenyl(hex-3-yloxy)pentyl-oxo-

Inchi: InChI=1S/C23H34O2Si/c1-4-7-14-20-24-26(22-16-10-8-11-17-22,23-18-12-9-13-19-23)2
InchiKey: CBZGMEBERHMOSO-UHFFFAOYSA-N
Formula: C23H34O2Si
SMILES: CCCCCO[Si](OC(CC)CCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 370.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.53		Crippen Method
logp	5.045		Crippen Method
rinpol	2203.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367610&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/56-068-5/Silane-diphenyl-hex-3-yloxy-pentyl-oxo-.pdf>

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