

Silane, diphenyl(5-methoxy-3-methylpentyl-oxy)pentyl-oxy

Inchi: InChI=1S/C24H36O3Si/c1-4-5-12-19-26-28(23-13-8-6-9-14-23,24-15-10-7-11-16-24)27-28
InchiKey: MMQGYTFMNZWNAQ-UHFFFAOYSA-N
Formula: C24H36O3Si
SMILES: CCCCCO[Si](OCCC(C)CCOC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 400.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.69		Crippen Method
logp	4.529		Crippen Method
rinpol	2469.00		NIST Webbook
rinpol	2469.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367597&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

Latest version available from:

<https://www.cheméo.com/cid/64-234-1/Silane-diphenyl-5-methoxy-3-methylpentyl-oxy-pentyl-oxy.pdf>

Generated by Cheméo on 2024-04-27 09:33:08.170093603 +0000 UTC m=+16499637.090670915.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.