

Silane, diphenylhexyloxy(5-methoxy-3-methylpentyloxy)-

Inchi: InChI=1S/C25H38O3Si/c1-4-5-6-13-20-27-29(24-14-9-7-10-15-24,25-16-11-8-12-17-25)2
InchiKey: CMNODSIZCFNGDU-UHFFFAOYSA-N
Formula: C25H38O3Si
SMILES: CCCCCCO[Si](OCCC(C)CCOC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 414.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.10		Crippen Method
logp	4.919		Crippen Method
rinpol	2557.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367599&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/61-005-8/Silane-diphenylhexyloxy-5-methoxy-3-methylpentyloxy.pdf>

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