

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

Inchi: InChI=1S/C21H30O3Si/c1-4-23-25(20-11-7-5-8-12-20,21-13-9-6-10-14-21)24-18-16-19(2
InchiKey: VMJBFWWWEZHCEQQ-UHFFFAOYSA-N
Formula: C21H30O3Si
SMILES: CCO[Si](OCCC(C)CCOC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 358.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.43		Crippen Method
logp	3.359		Crippen Method
rinpol	2237.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367593&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/23-866-5/Silane-diphenylethoxy-5-methoxy-3-methylpentyloxy.pdf>

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