

Silane, diphenyl(5-methoxy-3-methylpentylloxy)octyloxy-

Inchi: InChI=1S/C27H42O3Si/c1-4-5-6-7-8-15-22-29-31(26-16-11-9-12-17-26,27-18-13-10-14-1)
InchiKey: JRORSFNXKZIGDX-UHFFFAOYSA-N
Formula: C27H42O3Si
SMILES: CCCCCCCCCO[Si](OCCC(C)CCOC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 442.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.94		Crippen Method
logp	5.699		Crippen Method
rinpol	2744.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367601&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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