

Silane, diphenyl(4-(4-methoxyphenyl)cyclohexyloxy)pent

Inchi: InChI=1S/C30H38O3Si/c1-3-4-11-24-32-34(29-12-7-5-8-13-29,30-14-9-6-10-15-30)33-28
InchiKey: KSAFZTZLEKBDBN-UHFFFAOYSA-N
Formula: C30H38O3Si
SMILES: CCCCCO[Si](OC1CCC(c2ccc(OC)cc2)CC1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 474.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.13		Crippen Method
logp	6.201		Crippen Method
rinpol	3445.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367481&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/26-445-9/Silane-diphenyl-4-4-methoxyphenyl-cyclohexyloxy-pentyloxy.pdf>

Generated by Cheméo on 2024-04-29 05:51:59.656662347 +0000 UTC m=+16659168.577239662.

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