Silane, diphenyl(1-cyclopentylethoxy)decyloxy-

Inchi: InChI=1S/C29H44O2Si/c1-3-4-5-6-7-8-9-18-25-30-32(28-21-12-10-13-22-28,29-23-14-11

InchiKey: KJDDHWFUVLNXKT-UHFFFAOYSA-N

Formula: C29H44O2Si

SMILES: CCCCCCCCCCO[Si](OC(C)C1CCCC1)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 452.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.70		Crippen Method
logp	6.996		Crippen Method
rinpol	2888.00		NIST Webbook
rinpol	2888.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U368044&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.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.chemeo.com/cid/118-816-5/Silane-diphenyl-1-cyclopentylethoxy-decyloxy.pdf

Generated by Cheméo on 2024-05-02 13:58:11.451132551 +0000 UTC m=+16947540.371709871.

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