

Silane, diphenyldodecyloxy(3-methylpentylloxy)-

Inchi: InChI=1S/C30H48O2Si/c1-4-6-7-8-9-10-11-12-13-20-26-31-33(29-21-16-14-17-22-29,30)
InchiKey: SDKVWZGIPZOUQV-UHFFFAOYSA-N
Formula: C30H48O2Si
SMILES: CCCCCCCCCCO[Si](OCCC(C)CC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 468.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.11		Crippen Method
logp	7.633		Crippen Method
rinpol	2937.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367789&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.cheméo.com/cid/40-942-1/Silane-diphenyldodecyloxy-3-methylpentylloxy.pdf>

Generated by Cheméo on 2024-04-26 03:44:46.18755238 +0000 UTC m=+16392335.108129695.

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