

Silane, diphenyldi(2,4,4-trimethylpentyloxy)-

Inchi: InChI=1S/C28H44O2Si/c1-23(19-27(3,4)5)21-29-31(25-15-11-9-12-16-25,26-17-13-10-14)22-30
InchiKey: YGXHTTLLUHEJSF-UHFFFAOYSA-N
Formula: C28H44O2Si
SMILES: CC(CO[Si](OCC(C)CC(C)(C)C)(c1cccc1)c1cccc1)CC(C)(C)C
Mol. weight [g/mol]: 440.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.55		Crippen Method
logp	6.421		Crippen Method
rinpol	2408.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368064&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/41-130-1/Silane-diphenyldi-2-4-4-trimethylpentyloxy.pdf>

Generated by Cheméo on 2024-04-20 03:35:22.316141228 +0000 UTC m=+15873371.236718544.

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