

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

Inchi: InChI=1S/C29H46O2Si/c1-6-7-8-9-10-11-18-23-30-32(27-19-14-12-15-20-27,28-21-16-1)
InchiKey: YWHHRDPIJLFVPQ-UHFFFAOYSA-N
Formula: C29H46O2Si
SMILES: CCCCCCCCCO[Si](OCC(C)CC(C)(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 454.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.45		Crippen Method
logp	7.099		Crippen Method
rinpol	2681.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368056&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/17-407-1/Silane-diphenylnonyloxy-2-4-4-trimethylpentyloxy.pdf>

Generated by Cheméo on 2024-04-30 02:30:15.044210932 +0000 UTC m=+16733463.964788244.

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