

Silane, diphenylisohexyloxy(non-5-yn-3-yloxy)-

Inchi: InChI=1S/C27H38O2Si/c1-5-7-8-11-18-25(6-2)29-30(26-19-12-9-13-20-26,27-21-14-10-1)
InchiKey: PKUOIONEGATXJT-UHFFFAOYSA-N
Formula: C27H38O2Si
SMILES: CCCC#CCC(CC)O[Si](OCCCC(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 422.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.76		Crippen Method
logp	5.685		Crippen Method
rinpol	2537.00		NIST Webbook
rinpol	2537.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367772&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/58-494-0/Silane-diphenylisohexyloxy-non-5-yn-3-yloxy.pdf>

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