

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

Inchi: InChI=1S/C27H38O2Si/c1-4-7-9-13-19-25(6-3)29-30(26-20-14-11-15-21-26,27-22-16-12
InchiKey: ZBGQOJWODQXKQV-UHFFFAOYSA-N
Formula: C27H38O2Si
SMILES: CCCC#CCC(CC)O[Si](OCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 422.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.00		Crippen Method
logp	5.829		Crippen Method
rinpol	2576.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367773&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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