

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

Inchi: InChI=1S/C30H40O2Si/c1-5-9-11-15-21-27(7-3)31-33(29-23-17-13-18-24-29,30-25-19-1)
InchiKey: FOQJMRRLYSVKPP-UHFFFAOYSA-N
Formula: C30H40O2Si
SMILES: CCCC#CCC(CC)O[Si](OC(CC)CC#CCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 460.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.16		Crippen Method
logp	6.221		Crippen Method
rinpol	2738.00		NIST Webbook
rinpol	2738.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367778&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.chemeo.com/cid/65-215-1/Silane-diphenyldi-non-5-yn-3-yloxy.pdf>

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