

Silane, diphenyl(dodec-9-yn-1-yloxy)isobutoxy-

Inchi: InChI=1S/C28H40O2Si/c1-4-5-6-7-8-9-10-11-12-19-24-29-31(30-25-26(2)3,27-20-15-13-
InchiKey: FEYJVITXEGDIOX-UHFFFAOYSA-N
Formula: C28H40O2Si
SMILES: CCC#CCCCCCCCO[Si](OCC(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 436.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.07		Crippen Method
logp	6.076		Crippen Method
rinsol	2794.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367744&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
rinsol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/98-233-5/Silane-diphenyl-dodec-9-yn-1-yloxy-isobutoxy.pdf>

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