

Silane, diphenylbutoxy(dodec-9-yn-1-yloxy)-

Inchi: InChI=1S/C28H40O2Si/c1-3-5-7-8-9-10-11-12-13-20-26-30-31(29-25-6-4-2,27-21-16-14-13-12-11-10-9-8-7-6-5-4-3-2-1)/Si
InchiKey: YEJHJCGXXVGXYBX-UHFFFAOYSA-N
Formula: C28H40O2Si
SMILES: CCC#CCCCCCCCCO[Si](OCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 436.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.31		Crippen Method
logp	6.220		Crippen Method
rinpol	2849.00		NIST Webbook
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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=U367745&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/96-596-5/Silane-diphenylbutoxy-dodec-9-yn-1-yloxy.pdf>

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