

Silane, diphenyl(4-biphenyloxy)butoxy-

Inchi: InChI=1S/C28H28O2Si/c1-2-3-23-29-31(27-15-9-5-10-16-27,28-17-11-6-12-18-28)30-26
InchiKey: OSADHBCUCSSFQW-UHFFFAOYSA-N
Formula: C28H28O2Si
SMILES: CCCCCO[Si](Oc1ccc(-c2ccccc2)cc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 424.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.36		Crippen Method
logp	5.806		Crippen Method
rinpol	3171.00		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=U367497&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/98-230-8/Silane-diphenyl-4-biphenyloxy-butoxy.pdf>

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