

Silane, diphenylcitronellyloxyoctyloxy-

Inchi: InChI=1S/C30H46O2Si/c1-5-6-7-8-9-16-25-31-33(29-20-12-10-13-21-29,30-22-14-11-15)
InchiKey: DIENSKBCHYWBNZ-UHFFFAOYSA-N
Formula: C30H46O2Si
SMILES: CCCCCCCO[Si](OCCC(C)CCC=C(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 466.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.96		Crippen Method
logp	7.409		Crippen Method
rinpol	2269.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367964&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/43-362-2/Silane-diphenylcitronellyloxyoctyloxy.pdf>

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