

Silane, diphenyldecyloxy(3-ethylphenoxy)-

Inchi: InChI=1S/C30H40O2Si/c1-3-5-6-7-8-9-10-17-25-31-33(29-21-13-11-14-22-29,30-23-15-1)
InchiKey: GGMOADNAHLXJTA-UHFFFAOYSA-N
Formula: C30H40O2Si
SMILES: CCCCCCCCCO[Si](Oc1cccc(CC)c1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 460.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.07		Crippen Method
logp	7.042		Crippen Method
rinpol	3046.00		NIST Webbook
rinpol	3046.00		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=U367462&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/98-946-4/Silane-diphenyldecyloxy-3-ethylphenoxy.pdf>

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