

Silane, diphenyl(3-ethylphenoxy)isobutoxy-

Inchi: InChI=1S/C24H28O2Si/c1-4-21-12-11-13-22(18-21)26-27(25-19-20(2)3,23-14-7-5-8-15-2
InchiKey: BNZNTNVREGGZJY-UHFFFAOYSA-N
Formula: C24H28O2Si
SMILES: CCc1cccc(O[Si](OCC(C)C)(c2ccccc2)c2ccccc2)c1
Mol. weight [g/mol]: 376.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.32		Crippen Method
logp	4.557		Crippen Method
rinpol	2425.00		NIST Webbook
rinpol	2425.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367454&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/84-269-1/Silane-diphenyl-3-ethylphenoxy-isobutoxy.pdf>

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