Silane, dimethyl(2-isopropylphenoxy)dodecyloxy-

Inchi: InChI=1S/C23H42O2Si/c1-6-7-8-9-10-11-12-13-14-17-20-24-26(4,5)25-23-19-16-15-18-2

InchiKey: VTOLNFVHDQILCJ-UHFFFAOYSA-N

Formula: C23H42O2Si

SMILES: CCCCCCCCCCCCO[Si](C)(C)Oc1ccccc1C(C)C

Mol. weight [g/mol]: 378.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.94		Crippen Method
logp	7.828		Crippen Method
rinpol	2295.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347249&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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