

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: VTOLNFBVHDQILCJ-UHFFFAOYSA-N
Formula: C23H42O2Si
SMILES: CCCCCCCCCCCCCO[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

Latest version available from:

<https://www.chemeo.com/cid/31-737-9/Silane-dimethyl-2-isopropylphenoxy-dodecyloxy.pdf>

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