

Silane, dimethyl(4-(2-phenylprop-2-yl)phenoxy)tridecyloxy

Inchi: InChI=1S/C30H48O2Si/c1-6-7-8-9-10-11-12-13-14-15-19-26-31-33(4,5)32-29-24-22-28(2)
InchiKey: PKLLWOKSLPJFHG-UHFFFAOYSA-N
Formula: C30H48O2Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(C(C)(C)c2ccccc2)cc1
Mol. weight [g/mol]: 468.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.78		Crippen Method
logp	9.421		Crippen Method
rinpol	3086.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347196&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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