

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

Inchi: InChI=1S/C21H30O2Si/c1-6-7-17-22-24(4,5)23-20-15-13-19(14-16-20)21(2,3)18-11-9-8-
InchiKey: ICVJKDDQFYGPRM-UHFFFAOYSA-N
Formula: C21H30O2Si
SMILES: CCCCCO[Si](C)(C)Oc1ccc(C(C)(C)c2ccccc2)cc1
Mol. weight [g/mol]: 342.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.02		Crippen Method
logp	5.910		Crippen Method
rinsol	2200.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347188&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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<https://www.cheméo.com/cid/93-284-4/Silane-dimethyl-4-2-phenylprop-2-yl-phenoxy-butoxy.pdf>

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