

Silane, dimethyl(2-isopropylphenoxy)heptyloxy-

Inchi: InChI=1S/C18H32O2Si/c1-6-7-8-9-12-15-19-21(4,5)20-18-14-11-10-13-17(18)16(2)3/h10-17
InchiKey: WLEGAPQTYLCOQS-UHFFFAOYSA-N
Formula: C18H32O2Si
SMILES: CCCCCCO[Si](C)(C)Oc1ccccc1C(C)C
Mol. weight [g/mol]: 308.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.85		Crippen Method
logp	5.878		Crippen Method
rinpol	1817.00		NIST Webbook
rinpol	1817.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347247&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
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/97-406-4/Silane-dimethyl-2-isopropylphenoxy-heptyloxy.pdf>

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