

Silane, dimethyl(2,3-dimethylphenoxy)octyloxy-

Inchi: InChI=1S/C18H32O2Si/c1-6-7-8-9-10-11-15-19-21(4,5)20-18-14-12-13-16(2)17(18)3/h12
InchiKey: WQAMEIBHTXHYGO-UHFFFAOYSA-N
Formula: C18H32O2Si
SMILES: CCCCCCCO[Si](C)(C)Oc1cccc(C)c1C
Mol. weight [g/mol]: 308.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.03		Crippen Method
logp	5.761		Crippen Method
rinpol	1943.00		NIST Webbook
rinpol	1943.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347446&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/99-315-3/Silane-dimethyl-2-3-dimethylphenoxy-octyloxy.pdf>

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