

Silane, dimethyl(2-methylphenoxy)decyloxy-

Inchi: InChI=1S/C19H34O2Si/c1-5-6-7-8-9-10-11-14-17-20-22(3,4)21-19-16-13-12-15-18(19)2/
InchiKey: IXAZPLRNXSATH-UHFFFAOYSA-N
Formula: C19H34O2Si
SMILES: CCCCCCCCCO[Si](C)(C)Oc1ccccc1C
Mol. weight [g/mol]: 322.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.39		Crippen Method
logp	6.233		Crippen Method
rinpol	2033.00		NIST Webbook
rinpol	2033.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346959&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

Latest version available from:

<https://www.cheméo.com/cid/57-752-4/Silane-dimethyl-2-methylphenoxy-decyloxy.pdf>

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