

Silane, dimethyl(2,5-dimethylphenoxy)decyloxy-

Inchi: InChI=1S/C20H36O2Si/c1-6-7-8-9-10-11-12-13-16-21-23(4,5)22-20-17-18(2)14-15-19(20)
InchiKey: CNABMPWHFKIMQG-UHFFFAOYSA-N
Formula: C20H36O2Si
SMILES: CCCCCCCCCO[Si](C)(C)Oc1cc(C)ccc1C
Mol. weight [g/mol]: 336.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.87		Crippen Method
logp	6.541		Crippen Method
rinpol	2080.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347296&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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<https://www.cheméo.com/cid/53-145-2/Silane-dimethyl-2-5-dimethylphenoxy-decyloxy.pdf>

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