

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

Inchi: InChI=1S/C14H24O2Si/c1-6-7-10-15-17(4,5)16-14-11-12(2)8-9-13(14)3/h8-9,11H,6-7,10
InchiKey: KSLCJBIFQZZCPG-UHFFFAOYSA-N
Formula: C14H24O2Si
SMILES: CCCCCO[Si](C)(C)Oc1cc(C)ccc1C
Mol. weight [g/mol]: 252.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.36		Crippen Method
logp	4.201		Crippen Method
rinpol	1490.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347292&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/65-161-1/Silane-dimethyl-2-5-dimethylphenoxy-butoxy.pdf>

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