Silane, dimethyl(6-methyl-2-tert-butylphenoxy)decyloxy-

Inchi: InChI=1S/C23H42O2Si/c1-8-9-10-11-12-13-14-15-19-24-26(6,7)25-22-20(2)17-16-18-21

InchiKey: HWMFOZSPNXDMEQ-UHFFFAOYSA-N

Formula: C23H42O2Si

SMILES: CCCCCCCCCCO[Si](C)(C)Oc1c(C)cccc1C(C)(C)C

Mol. weight [g/mol]: 378.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.71		Crippen Method
logp	7.530		Crippen Method
rinpol	2335.00		NIST Webbook
rinpol	2335.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347434&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/99-068-8/Silane-dimethyl-6-methyl-2-tert-butylphenoxy-decyloxy.pdf

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