

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

Inchi: InChI=1S/C21H38O2Si/c1-8-9-10-11-12-13-17-22-24(6,7)23-20-18(2)15-14-16-19(20)21
InchiKey: XVFQLAFPIZATTP-UHFFFAOYSA-N
Formula: C₂₁H₃₈O₂Si
SMILES: CCCCCCCO[Si](C)(C)Oc1c(C)cccc1C(C)(C)C
Mol. weight [g/mol]: 350.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.87		Crippen Method
logp	6.750		Crippen Method
rinsol	2137.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347433&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
rinsol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/94-548-0/Silane-dimethyl-6-methyl-2-tert-butylphenoxy-octyloxy.pdf>

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