

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

Inchi: InChI=1S/C30H56O2Si/c1-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-26-31-33(6,7)3
InchiKey: LQIMYDWSCDUMKG-UHFFFAOYSA-N
Formula: C30H56O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1c(C)cccc1C(C)(C)C
Mol. weight [g/mol]: 476.85

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.64		Crippen Method
logp	10.261		Crippen Method
rinpol	3047.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347438&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/26-348-7/Silane-dimethyl-6-methyl-2-tert-butylphenoxy-heptadecyloxy.pdf>

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