

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

Inchi: InChI=1S/C25H46O2Si/c1-8-9-10-11-12-13-14-15-16-17-21-26-28(6,7)27-24-22(2)19-18
InchiKey: OWJFSGPAIKVSMU-UHFFFAOYSA-N
Formula: C25H46O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)Oc1c(C)ccc1C(C)(C)C
Mol. weight [g/mol]: 406.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.54		Crippen Method
logp	8.311		Crippen Method
rinpol	2543.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347436&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
rinpol: Non-polar retention indices

Latest version available from:

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