

Silane, dimethyl(dimethyl(2-methylphenoxy)silyloxy)tetra

Inchi: InChI=1S/C25H48O3Si2/c1-7-8-9-10-11-12-13-14-15-16-17-20-23-26-29(3,4)28-30(5,6)2
InchiKey: KAZQORHXUHKPP-UHFFFAOYSA-N
Formula: C25H48O3Si2
SMILES: CCCCCCCCCCCCCO[Si](C)(C)O[Si](C)(C)Oc1ccccc1C
Mol. weight [g/mol]: 452.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.62		Crippen Method
logp	8.512		Crippen Method
rinpol	2599.00		NIST Webbook
rinpol	2599.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346973&Units=SI>

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/37-183-8/Silane-dimethyl-dimethyl-2-methylphenoxy-silyloxy-tetradecyloxy.pdf>

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