

Silane, diethyldecyloxy(2,5-dimethylphenoxy)-

Inchi: InChI=1S/C22H40O2Si/c1-6-9-10-11-12-13-14-15-18-23-25(7-2,8-3)24-22-19-20(4)16-17
InchiKey: SCXKRGGUTHOBQN-UHFFFAOYSA-N
Formula: C22H40O2Si
SMILES: CCCCCCCCCO[Si](CC)(CC)Oc1cc(C)ccc1C
Mol. weight [g/mol]: 364.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.70		Crippen Method
logp	7.322		Crippen Method
rinpol	2248.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363262&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:

<https://www.cheméo.com/cid/44-517-9/Silane-diethyldecyloxy-2-5-dimethylphenoxy.pdf>

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