

Silane, diethyldecyloxy(3,5-dimethylphenoxy)-

Inchi: InChI=1S/C22H40O2Si/c1-6-9-10-11-12-13-14-15-16-23-25(7-2,8-3)24-22-18-20(4)17-21
InchiKey: OWIJONLAOBZNDC-UHFFFAOYSA-N
Formula: C22H40O2Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)Oc1cc(C)cc(C)c1
Mol. weight [g/mol]: 364.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.70		Crippen Method
logp	7.322		Crippen Method
rinpol	2247.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363369&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/33-455-0/Silane-diethyldecyloxy-3-5-dimethylphenoxy.pdf>

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