

Silane, diethyldecyloxy(2-ethylphenoxy)-

Inchi: InChI=1S/C22H40O2Si/c1-5-9-10-11-12-13-14-17-20-23-25(7-3,8-4)24-22-19-16-15-18-2
InchiKey: SFXFREIZONVILM-UHFFFAOYSA-N
Formula: C22H40O2Si
SMILES: CCCCCCCCCO[Si](CC)(CC)Oc1ccccc1CC
Mol. weight [g/mol]: 364.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.56		Crippen Method
logp	7.267		Crippen Method
rinpol	2248.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363382&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/15-357-9/Silane-diethyldecyloxy-2-ethylphenoxy.pdf>

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