

Silane, diethyldodecyloxy(1-phenylpropoxy)-

Inchi: InChI=1S/C25H46O2Si/c1-5-9-10-11-12-13-14-15-16-20-23-26-28(7-3,8-4)27-25(6-2)24-
InchiKey: ZMRRJOYDAGDFOK-UHFFFAOYSA-N
Formula: C25H46O2Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)OC(CC)c1ccccc1
Mol. weight [g/mol]: 406.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.66		Crippen Method
logp	8.574		Crippen Method
rinpol	2455.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363273&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/24-789-0/Silane-diethyldodecyloxy-1-phenylpropoxy.pdf>

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