

Silane, diethyldodecyloxy(3-phenylpropoxy)-

Inchi: InChI=1S/C25H46O2Si/c1-4-7-8-9-10-11-12-13-14-18-23-26-28(5-2,6-3)27-24-19-22-25-
InchiKey: USRBPGVGIKUDMS-UHFFFAOYSA-N
Formula: C25H46O2Si
SMILES: CCCCCCCCCCCCCO[Si](CC)(CC)OCCc1ccccc1
Mol. weight [g/mol]: 406.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.20		Crippen Method
logp	8.055		Crippen Method
rinpol	2620.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363152&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/61-746-6/Silane-diethyldodecyloxy-3-phenylpropoxy.pdf>

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