

Silane, diethyl(2-phenylethoxy)tetradecyloxy-

Inchi: InChI=1S/C26H48O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-20-24-27-29(5-2,6-3)28-25-23-
InchiKey: CNAXMRKPQLZGBO-UHFFFAOYSA-N
Formula: C₂₆H₄₈O₂Si
SMILES: CCCCCCCCCCCCCO[Si](CC)(CC)OCCc1ccccc1
Mol. weight [g/mol]: 420.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.62		Crippen Method
logp	8.445		Crippen Method
rinpol	2710.00		NIST Webbook
rinpol	2710.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363169&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/12-655-1/Silane-diethyl-2-phenylethoxy-tetradecyloxy.pdf>

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