

Silane, diethylbutoxy(3-phenylpropoxy)-

Inchi: InChI=1S/C17H30O2Si/c1-4-7-15-18-20(5-2,6-3)19-16-11-14-17-12-9-8-10-13-17/h8-10,
InchiKey: QGDRDCRTIMGRBX-UHFFFAOYSA-N
Formula: C17H30O2Si
SMILES: CCCCCO[Si](CC)(CC)OCCc1ccccc1
Mol. weight [g/mol]: 294.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.85		Crippen Method
logp	4.934		Crippen Method
rinpol	1856.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363144&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/55-872-3/Silane-diethylbutoxy-3-phenylpropoxy.pdf>

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