

Silane, diethylbutoxyheptyloxy-

Inchi: InChI=1S/C15H34O2Si/c1-5-9-11-12-13-15-17-18(7-3,8-4)16-14-10-6-2/h5-15H2,1-4H3
InchiKey: RCTPOEHRCMCVIA-UHFFFAOYSA-N
Formula: C15H34O2Si
SMILES: CCCCCCO[Si](CC)(CC)OCCCC
Mol. weight [g/mol]: 274.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.91		Crippen Method
logp	5.272		Crippen Method
rinpol	1554.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363952&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/14-305-7/Silane-diethylbutoxyheptyloxy.pdf>

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