

Silane, diethylheptyloxyhexyloxy-

Inchi: InChI=1S/C17H38O2Si/c1-5-9-11-13-15-17-19-20(7-3,8-4)18-16-14-12-10-6-2/h5-17H2,1
InchiKey: GMSIQUKCDDDDOMP-UHFFFAOYSA-N
Formula: C17H38O2Si
SMILES: CCCCCCO[Si](CC)(CC)OCCCCC
Mol. weight [g/mol]: 302.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.75		Crippen Method
logp	6.052		Crippen Method
rinpol	1747.00		NIST Webbook
rinpol	1747.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363736&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/27-287-4/Silane-diethylheptyloxyhexyloxy.pdf>

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