Silane, dimethyloctyloxypentyloxy-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.91		Crippen Method
logp	5.272		Crippen Method
rinpol	1566.00		NIST Webbook
rinpol	1566.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U346742&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