1-(Trihexylsilyloxy)pentadecane

Inchi: InChI=1S/C33H70OSi/c1-5-9-13-17-18-19-20-21-22-23-24-25-26-30-34-35(31-27-14-10-
InchiKey: XEDFVTRVHFBAHZ-UHFFFAOYSA-N
Formula: C33H70OSi
SMILES: CCCCCCCCCCCCCCCO[Si](CCCCCC)(CCCCCC)CCCCCC
Mol. weight [g/mol]: 510.99

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.77		Crippen Method
logp	12.781		Crippen Method
rinpol	3153.00		NIST Webbook
rinpol	3153.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U308330&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices