trans-2-Decen-1-ol, picolinyloxydimethylsilyl ether

Inchi: InChI=1S/C18H31NO2Si/c1-4-5-6-7-8-9-10-11-15-20-22(2,3)21-17-18-13-12-14-19-16-18

InchiKey: KIYJUYUGVTXJGE-ZHACJKMWSA-N

Formula: C18H31NO2Si

SMILES: CCCCCCCC=CCO[Si](C)(C)OCc1cccnc1

Mol. weight [g/mol]: 321.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.80		Crippen Method
logp	5.233		Crippen Method
rinpol	2137.20		NIST Webbook
rinpol	2137.20		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U352668&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