1-(Dimethyldodecylsilyloxy)heptane

Inchi: InChI=1S/C21H46OSi/c1-5-7-9-11-12-13-14-15-17-19-21-23(3,4)22-20-18-16-10-8-6-2/h
InchiKey: MXTUIOFVEKRLPR-UHFFFAOYSA-N
Formula: C21H46OSi
SMILES: CCCCCCCCCCCC[Si](C)(C)OCCCCCCC
Mol. weight [g/mol]: 342.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.75		Crippen Method
logp	8.099		Crippen Method
rinpol	2111.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299992&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