8-Chloro-1-octanol, bromomethyldimethylsilyl ether

Inchi: InChI=1S/C11H24BrClOSi/c1-15(2,11-12)14-10-8-6-4-3-5-7-9-13/h3-11H2,1-2H3

InchiKey: OEPNFLUJJGDDOR-UHFFFAOYSA-N

Formula: C11H24BrClOSi

SMILES: C[Si](C)(CBr)OCCCCCCCCCl

Mol. weight [g/mol]: 315.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.24		Crippen Method
logp	4.722		Crippen Method
rinpol	1792.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U375568&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