2-Octanol, bromomethyldimethylsilyl ether

Inchi: InChI=1S/C11H25BrOSi/c1-5-6-7-8-9-11(2)13-14(3,4)10-12/h11H,5-10H2,1-4H3
InchiKey: DTRBYBVHQVSYQW-UHFFFAOYSA-N
Formula: C11H25BrOSi
SMILES: CCCCCCC(C)O[Si](C)(C)CBr
Mol. weight [g/mol]: 281.31

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.20		Crippen Method
logp	4.501		Crippen Method
rinpol	1429.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U375667&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