6-Bromo-5-tert-butyldimethylsilyloxy-2,3,6-trideox

Inchi: InChI=1S/C12H23BrO3Si/c1-12(2,3)17(4,5)16-10(8-13)9-6-7-11(14)15-9/h9-10H,6-8H2,1
InchiKey: DTWCYAFYPUNCJW-UHFFFAOYSA-N
Formula: C12H23BrO3Si
SMILES: CC(C)(C)[Si](C)(C)OC(CBr)C1CCC(=O)O1
Mol. weight [g/mol]: 323.30

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.40		Crippen Method
logp	3.477		Crippen Method
rinpol	1848.00		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=R500422&Units=SI

Legend

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