

6-Bromo-5-tert-butyl dimethylsilyloxy-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	1829.00		NIST Webbook
rinpol	1829.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R500417&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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