D-(+)-Ribono-1,4-lactone, tris(trimethylsilyl) ether

Inchi: InChI=1S/C14H32O5Si3/c1-20(2,3)16-10-11-12(18-21(4,5)6)13(14(15)17-11)19-22(7,8)9

InchiKey: RJMKTJPGOIYTQZ-UHFFFAOYSA-N

Formula: C14H32O5Si3

SMILES: C[Si](C)(C)OCC1OC(=O)C(O[Si](C)(C)C)C1O[Si](C)(C)C

Mol. weight [g/mol]: 364.66

Physical Properties

Property code	Value	Unit	Source
log10ws	3.81		Crippen Method
logp	3.204		Crippen Method
rinpol	1677.30		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U380154&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