

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/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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<https://www.cheméo.com/cid/16-528-8/D-Ribono-1-4-lactone-tris-trimethylsilyl-ether.pdf>

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