

Xylonic acid, 2,3,4-tris-O-(trimethylsilyl)-, «delta»-lactone, D-

Other names:	Xylonic acid, 1,5-lactone, tris-TMS, D- Xylonic acid, 1,5-lactone, TMS
Inchi:	InChI=1S/C14H32O5Si3/c1-20(2,3)17-11-10-16-14(15)13(19-22(7,8)9)12(11)18-21(4,5)6
InchiKey:	RWGTVHCZLUFFAU-UHFFFAOYSA-N
Formula:	C14H32O5Si3
SMILES:	C[Si](C)(C)OC1COC(=O)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]:	364.66
CAS:	32384-59-1

Physical Properties

Property code	Value	Unit	Source
log10ws	3.81		Crippen Method
logp	3.204		Crippen Method
rinpol	1705.00		NIST Webbook
rinpol	1705.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C32384591&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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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