«alpha»-D-Ribofuranose, TMS

Inchi: InChI=1S/C17H42O5Si4/c1-23(2,3)18-13-14-15(20-24(4,5)6)16(21-25(7,8)9)17(19-14)22
InchiKey: LDFPXMNJVPETIY-QAETUUGQSA-N
Formula: C17H42O5Si4
SMILES: C[Si](C)(C)OCC1OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 438.85

Physical Properties

Property code	Value	Unit	Source
log10ws	4.58		Crippen Method
logp	4.854		Crippen Method
rinpol	1626.00		NIST Webbook
rinpol	1626.00		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=R163345&Units=SI

Legend

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