«alpha»-D(-)-Lyxose, pyranose, TMS

Other names: «alpha»-D-Lyxopyranose, TMS
Inchi: InChI=1S/C17H42O5Si4/c1-23(2,3)19-14-13-18-17(22-26(10,11)12)16(21-25(7,8)9)15(14
InchiKey: KEOUSSOURMHEKN-HZMVEIRTSA-N
Formula: C17H42O5Si4
SMILES: C[Si](C)(C)OC1COC(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
logp	4.854		Crippen Method
rinpol	1593.00		NIST Webbook
rinpol	1638.00		NIST Webbook
rinpol	1638.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R163330&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):

Legend

logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices