

«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-HZMVEIRTS-A-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.cheméo.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

Latest version available from:

<https://www.cheméo.com/cid/26-222-6/alpha-D-Lyxose-pyranose-TMS.pdf>

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