

# Xylulose, o-methyloxime, tetrakis-O-(trimethylsilyl)-

Other names:	XYLULOSE MEOX 4TMS
Inchi:	InChI=1S/C18H45NO5Si4/c1-20-19-16(14-21-25(2,3)4)18(24-28(11,12)13)17(23-27(8,9)
InchiKey:	AWROPXHQUYAGBK-UHFFFAOYSA-N
Formula:	C18H45NO5Si4
SMILES:	CON=C(CO[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]:	467.90

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.62		Crippen Method
logp	5.132		Crippen Method
rinpol	1673.90		NIST Webbook

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U298661&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U298661&amp;Units=SI</a>

## Legend

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

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