

# d-Ribose, 2,3,4,5-tetrakis-O-(trimethylsilyl)-, O-methyloxime

<b>Other names:</b>	D-(-)-Ribose, tetrakis(trimethylsilyl) ether, methyloxime
<b>Inchi:</b>	InChI=1S/C18H45NO5Si4/c1-20-19-14-16(22-26(5,6)7)18(24-28(11,12)13)17(23-27(8,9)
<b>InchiKey:</b>	ZBEJHGUYYNELJI-UHFFFAOYSA-N
<b>Formula:</b>	C18H45NO5Si4
<b>SMILES:</b>	CON=CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	467.90
<b>CAS:</b>	56196-08-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.51		Crippen Method
logp	5.130		Crippen Method
rinpola	1668.20		NIST Webbook
rinpola	1668.20		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C56196088&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C56196088&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpola:</b>	Non-polar retention indices

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