

# D-(-)-Fructose, pentakis(trimethylsilyl) ether, methyloxime (syn)

<b>Inchi:</b>	InChI=1S/C22H55NO6Si5/c1-24-23-19(17-25-30(2,3)4)21(28-33(11,12)13)22(29-34(14,15)16)35
<b>InchiKey:</b>	ACDMQGXCXUQPRR-UHFFFAOYSA-N
<b>Formula:</b>	C22H55NO6Si5
<b>SMILES:</b>	CON=C(CO[Si](C)(C)C)C(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>	570.10

## Physical Properties

Property code	Value	Unit	Source
log10ws	5.70		Crippen Method
logp	6.352		Crippen Method
rinpol	1868.50		NIST Webbook
rinpol	1868.50		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U380190&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U380190&amp;Units=SI</a>
<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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

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

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