

# L(-)-Fucose, tetrakis(trimethylsilyl) ether

<b>Other names:</b>	L-Fucose, tetra-TMS-ether L-Galactose, 6-deoxy-2,3,4,5-tetrakis-O-(trimethylsilyl)- L-Fucose, (4TMS)- L-Fucose, TMS L-fucose, 4tms derivative
<b>Inchi:</b>	InChI=1S/C18H44O5Si4/c1-15(20-24(2,3)4)17(22-26(8,9)10)18(23-27(11,12)13)16(14-19)
<b>InchiKey:</b>	HZBOSAPUGYAKKA-UHFFFAOYSA-N
<b>Formula:</b>	C18H44O5Si4
<b>SMILES:</b>	CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	452.88
<b>CAS:</b>	117307-13-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.36		Crippen Method
logp	5.086		Crippen Method
rinpol	1646.00		NIST Webbook
rinpol	1646.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C117307138&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C117307138&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.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.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

Latest version available from:

<https://www.cheméo.com/cid/54-544-8/L-Fucose-tetrakis-trimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-25 21:46:44.385994785 +0000 UTC m=+16370853.306572108.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.