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

Other names:	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
Inchi:	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
InchiKey:	HZBOSAPUGYAKKA-UHFFFAOYSA-N
Formula:	C18H44O5Si4
SMILES:	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
Mol. weight [g/mol]:	452.88
CAS:	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

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C117307138&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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