D-(+)-Xylose, tetrakis(trimethylsilyl) ether, methyloxime (syn)

Inchi: InChI=1S/C18H45NO5Si4/c1-20-19-14-16(22-26(5,6)7)18(24-28(11,12)13)17(23-27(8,9)

InchiKey: ZBEJHGUYYNELJI-UHFFFAOYSA-N

Formula: C18H45NO5Si4

SMILES: CON=CC(O[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	4.51		Crippen Method
logp	5.130		Crippen Method
rinpol	1646.50		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U380184&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