

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

Latest version available from:

<https://www.chemeo.com/cid/67-754-1/D-Xylose-tetrakis-trimethylsilyl-ether-methyloxime-syn.pdf>

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