

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

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	1636.50		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U380183&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/69-810-6/D-Xylose-tetrakis-trimethylsilyl-ether-methyloxime-anti.pdf>

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