

D-(+)-Xylose, tetrakis(trimethylsilyl) ether, trimethylsilyloxime (isomer 1)

Inchi: InChI=1S/C20H51NO5Si5/c1-27(2,3)22-17-19(24-29(7,8)9)20(25-30(10,11)12)18(23-28)
InchiKey: NJVTYWBFPZLKGN-UHFFFAOYSA-N
Formula: C20H51NO5Si5
SMILES: C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 526.05

Physical Properties

Property code	Value	Unit	Source
log10ws	5.62		Crippen Method
logp	6.335		Crippen Method
rinpol	1740.80		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380388&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/55-180-1/D-Xylose-tetrakis-trimethylsilyl-ether-trimethylsilyloxime-isomer-1.pdf>

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