

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

Inchi: InChI=1S/C24H49NO5Si4/c1-31(2,3)27-20-23(29-33(7,8)9)24(30-34(10,11)12)22(28-32)
InchiKey: ZWYHSLKDSHXBEI-UHFFFAOYSA-N
Formula: C₂₄H₄₉NO₅Si₄
SMILES: C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NOCc1ccccc1)O[Si](C)(C)C
Mol. weight [g/mol]: 543.99

Physical Properties

Property code	Value	Unit	Source
log10ws	2.40		Crippen Method
logp	6.701		Crippen Method
rinpol	2157.40		NIST Webbook
rinpol	2157.40		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380349&Units=SI>

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/69-726-0/D-Xylose-tetrakis-trimethylsilyl-ether-benzyloxime-isomer-1.pdf>

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