

D-(+)-Xylose, tetrakis(trimethylsilyl) ether, benzyloxime (isomer 2)

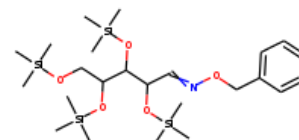
InChI: InChI=1S/C24H49NO5Si4/c1-31(2,3)27-20-23(29-33(7,8)9)24(30-34(10,11)12)22(28-32(4,5)6)18-25-26-19-21-16-14-13-15-17-21/h13-18,22-24H,19-20H2,1-12H3

InChI Key: ZWYHSLKDSHXBEI-UHFFFAOYSA-N

Formula: C₂₄H₄₉NO₅Si₄

SMILES: C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NOCc1cccc1)O[Si](C)(C)C

Molecular Weight: 543.99



Physical Properties

Property	Value	Unit	Source
$\log P_{\text{oct/wat}}$	6.70		Crippen Method

Sources

NIST Webbook: [http://webbook.nist.gov/cgi/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\(4,5\)6\)18-25-26-19-21-16-14-13-15-17-21/h13-18,22-24H,19-20H2,1-12H3](http://webbook.nist.gov/cgi/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(4,5)6)18-25-26-19-21-16-14-13-15-17-21/h13-18,22-24H,19-20H2,1-12H3)

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

$\log P_{\text{oct/wat}}$: Octanol/Water partition coefficient .

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