

2-Deoxy-D-ribose, tris(trimethylsilyl) ether, trimethylsilyloxime (isomer 2)

Inchi: InChI=1S/C17H43NO4Si4/c1-23(2,3)19-15-17(21-25(7,8)9)16(20-24(4,5)6)13-14-18-22-2
InchiKey: FVEQTMJADYPZPG-UHFFFAOYSA-N
Formula: C17H43NO4Si4
SMILES: C[Si](C)(C)OCC(O[Si](C)(C)C)C(CC=NO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 437.87

Physical Properties

Property code	Value	Unit	Source
log10ws	4.13		Crippen Method
logp	5.505		Crippen Method
rinpol	1681.50		NIST Webbook
rinpol	1681.50		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380414&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/53-127-2/2-Deoxy-D-ribose-tris-trimethylsilyl-ether-trimethylsilyloxime-isomer-2.pdf>

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