L-(+)-Rhamnose, tetrakis(trimethylsilyl) ether, trimethylsilyloxime (isomer 2)

Inchi: InChI=1S/C21H53NO5Si5/c1-18(23-28(2,3)4)20(25-30(8,9)10)21(26-31(11,12)13)19(24-

InchiKey: ZUYWEDLNBOREDE-UHFFFAOYSA-N

Formula: C21H53NO5Si5

SMILES: CC(O[Si](C)(C)C)C(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]: 540.08

Physical Properties

Property code	Value	Unit	Source
log10ws	5.09		Crippen Method
logp	6.724		Crippen Method
rinpol	1821.50		NIST Webbook
rinpol	1821.50		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U380395&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices