D-(-)-Erythrose, tris(trimethylsilyl) ether, methyloxime (syn)

Inchi: InChI=1S/C14H35NO4Si3/c1-16-15-11-13(18-21(5,6)7)14(19-22(8,9)10)12-17-20(2,3)4/h

InchiKey: ALJSKKFUUDIVIZ-UHFFFAOYSA-N

Formula: C14H35NO4Si3

SMILES: CON=CC(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C

Mol. weight [g/mol]: 365.69

Physical Properties

Property code	Value	Unit	Source
log10ws	3.44		Crippen Method
logp	3.910		Crippen Method
rinpol	1446.60		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U380444&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