D-(-)-Rhamnose, tetrakis(trimethylsilyl) ether, methyloxime (syn)

Inchi: InChI=1S/C19H47NO5Si4/c1-16(22-26(3,4)5)18(24-28(9,10)11)19(25-29(12,13)14)17(15

InchiKey: SXUVIFIZLGMRBJ-UHFFFAOYSA-N

Formula: C19H47NO5Si4

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

Mol. weight [g/mol]: 481.92

Physical Properties

Property code	Value	Unit	Source
log10ws	3.98		Crippen Method
logp	5.519		Crippen Method
rinpol	1706.30		NIST Webbook
rinpol	1706.30		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U380180&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