L-(+)-Rhamnose, tetrakis(trimethylsilyl) ether, benzyloxime (isomer 1)

Inchi: InChI=1S/C25H51NO5Si4/c1-21(28-32(2,3)4)24(30-34(8,9)10)25(31-35(11,12)13)23(29-

InchiKey: PTKGVKJVMQEDBT-UHFFFAOYSA-N

Formula: C25H51NO5Si4

SMILES: CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NOCc1ccccc1)O[Si](C)(C)C

Mol. weight [g/mol]: 558.02

Physical Properties

Property code	Value	Unit	Source
log10ws	1.87		Crippen Method
logp	7.089		Crippen Method
rinpol	2241.10		NIST Webbook
rinpol	2241.10		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U380364&Units=SI

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

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices