D-(-)-Fructose, pentakis(trimethylsilyl) ether, benzyloxime (isomer 1)

Inchi: InChI=1S/C28H59NO6Si5/c1-36(2,3)31-22-25(29-30-21-24-19-17-16-18-20-24)27(34-39
InchiKey: ILCMTPAXEPAWQO-UHFFFAOYSA-N
Formula: C28H59NO6Si5
SMILES: C[Si](C)(C)OCC(=NOCc1ccccc1)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](
Mol. weight [g/mol]: 646.20

Physical Properties

Property code	Value	Unit	Source
log10ws	3.59		Crippen Method
logp	7.922		Crippen Method
rinpol	2332.60		NIST Webbook
rinpol	2332.60		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U380355&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