D-(-)-Fructopyranose, pentakis(trimethylsilyl) ether (isomer 1)

Inchi: InChI=1S/C21H52O6Si5/c1-28(2,3)23-17-21(27-32(13,14)15)20(26-31(10,11)12)19(25-3

InchiKey: PJXWXHJDJODISP-UHFFFAOYSA-N

Formula: C21H52O6Si5

SMILES: C[Si](C)(C)OCC1(O[Si](C)(C)C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C

Mol. weight [g/mol]: 541.06

Physical Properties

Property code	Value	Unit	Source
log10ws	5.77		Crippen Method
logp	6.076		Crippen Method
rinpol	1802.40		NIST Webbook
rinpol	1802.40		NIST Webbook

Sources

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

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U380168&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices