Glucose, 2-deoxy, 1-MO, 4TMS, BP

Inchi: InChI=1S/C19H47NO5Si4/c1-21-20-15-14-17(23-27(5,6)7)19(25-29(11,12)13)18(24-28(8

InchiKey: UPSRIVHLCXAYRE-XSUDFNDASA-N

Formula: C19H47NO5Si4

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

Mol. weight [g/mol]: 481.92

Physical Properties

Property code	Value	Unit	Source
log10ws	4.09		Crippen Method
logp	5.520		Crippen Method
rinpol	1775.00		NIST Webbook
rinpol	1775.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R577076&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