1-Deoxy-1-(methylamino)-D-galactitol, pentakis(trimethylsilyl) ether

Inchi: InChI=1S/C22H57NO5Si5/c1-23-17-19(25-30(5,6)7)21(27-32(11,12)13)22(28-33(14,15)1

InchiKey: IHHUNIFRXUVCSB-UHFFFAOYSA-N

Formula: C22H57NO5Si5

SMILES: CNCC(O[Si](C)(C)C)C(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]: 556.12

Physical Properties

Property code	Value	Unit	Source
log10ws	5.64		Crippen Method
logp	5.938		Crippen Method
rinpol	1888.40		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U380327&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