GLUCOSAMINE MEOX 5TMS-1

Inchi: InChI=1S/C22H56N2O5Si5/c1-25-23-17-19(24-30(2,3)4)21(28-33(11,12)13)22(29-34(14
InchiKey: KQDDRTFQDCNQHU-DXBBTUNJSA-N
Formula: C22H56N2O5Si5
SMILES: CON=CC(N[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]: 569.12

Physical Properties

Property code	Value	Unit	Source
log10ws	5.49		Crippen Method
logp	5.923		Crippen Method
rinpol	1929.00		NIST Webbook
rinpol	1929.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R438981&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