L-Fucitol, pentakis(trimethylsilyl) ether

Other names: L-Fucitol TMS.

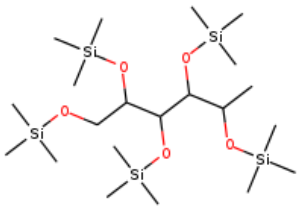
InChI: InChI=1S/C21H54O5Si5/c1-18(23-28(5,6)7)20(25-30(11,12)13)21(26-31(14,15)16)19(24-29(8,9)10)17-22-27(2,3)4/h18-21H,17H2,1-16H3

InChI Key: YCLDNNFGQOEZPF-UHFFFAOYSA-N

Formula: C21H54O5Si5

SMILES: CC(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

Molecular Weight: 527.08



Physical Properties

Property	Value	Unit	Source
$logP_{oct/wat}$	6.738		Crippen Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/inchi/InChI=1S/C21H54O5Si5/c1-18(23-28(5,6)7)20(25-30(11,12)13)21(26-31(14,15)16)19(24-29(8,9)10)17-22-27(2,3)4/h18-21H,17H2,1-16H3

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

Legend

***log*P$_{oct/wat}$**: Octanol/Water partition coefficient .