

L-Fucitol, pentakis(trimethylsilyl) ether

Other names: L-Fucitol TMS.

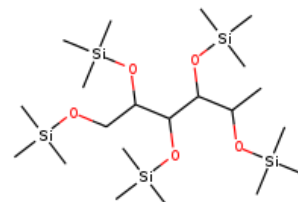
InChI: InChI=1S/C21H54O5Si5/c1-18(23-28(5,6)7)20(25-30(11,12)13)21(26-31(14,15)16)19(24-29(8,9)10)17-22-27(2,3)4/h18-21H,17H2,1-16H3

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
$\log P_{\text{oct/wat}}$	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](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/ci9903071>

Legend

$\log P_{\text{oct/wat}}$: Octanol/Water partition coefficient .

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