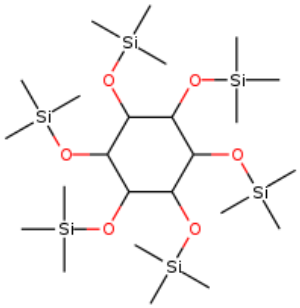
myo-Inositol, 1,2,3,4,5,6-hexakis-O-(trimethylsilyl)-



Other names: INOSITOL 6TMS; Inositol (myo-Inositol), TMS; Inositol, 1,2,3,4,5,6-hexakis-O-(trimethylsilyl)-, myo-; Myo-inositol, 6tms derivative; Myoinositol TMS; mio-Inositol, hexakis-TMS; myo-Inositol (6TMS); myo-Inositol, hexakis(trimethylsilyl) ether.

InChI: InChI=1S/C24H60O6Si6/c1-31(2,3)25-19-20(26-32(4,5)6)22(28-34(10,11)12)24(30-36(16,17)18)23(29-35(13,14)15)21(19)27-33(7,8)9/h19-24H,1-18H3

InChI Key: FRTKXRNTVMCAKI-UHFFFAOYSA-N

Formula: C24H60O6Si6

SMILES: C[Si](C)(C)OC1C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C

Molecular Weight: 613.24

CAS: 2582-79-8

Physical Properties

Property	Value	Unit	Source
*log*P$_{oct/wat}$	7.32		Crippen Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/inchi/InChI=1S/C24H60O6Si6/c1-31(2,3)25-19-20(26-32(4,5)6)22(28-34(10,11)12)24(30-36(16,17)18)23(29-35(13,14)15)21(19)27-33(7,8)9/h19-24H,1-18H3

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

Legend

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