

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

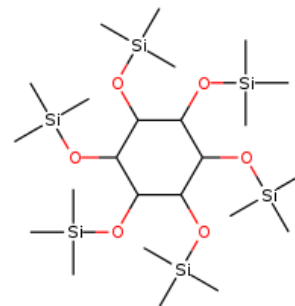
InChI Key: FRTKXRNTVMCAKI-UHFFFAOYSA-N

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

Legend

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

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