

# Mannose, MEOX-5TMS

**Inchi:** InChI=1S/C22H55NO6Si5/c1-24-23-17-19(26-31(5,6)7)21(28-33(11,12)13)22(29-34(14,15)16)30  
**InchiKey:** LLVFXKDPAPSCJ-JVQVVVJESA-N  
**Formula:** C22H55NO6Si5  
**SMILES:** CON=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  
**Mol. weight [g/mol]:** 570.10

## Physical Properties

Property code	Value	Unit	Source
log10ws	5.59		Crippen Method
logp	6.350		Crippen Method
rinpol	1900.00		NIST Webbook
rinpol	1900.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R605968&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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

Latest version available from:

<https://www.chemeo.com/cid/113-412-8/Mannose-MEOX-5TMS.pdf>

Generated by Cheméo on 2024-04-30 22:50:40.312948445 +0000 UTC m=+16806689.233525759.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.