# «alpha»-d-Xylofuranose, TMS

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|---|---|
| **Inchi:** | InChI=1S/C17H42O5Si4/c1-23(2,3)18-13-14-15(20-24(4,5)6)16(21-25(7,8)9)17(19-14)22 |
| **InchiKey:** | LDFPXMNJVPETIY-YVSFHVDLSA-N |
| **Formula:** | C17H42O5Si4 |
| **SMILES:** | C[Si](C)(C)OCC1OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C |
| **Mol. weight [g/mol]:** | 438.85 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | 4.58 | | Crippen Method |
| logp | 4.854 | | Crippen Method |
| rinpol | 1610.00 | | NIST Webbook |
| rinpol | 1610.00 | | NIST Webbook |

## Sources

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|---|---|
| **Crippen Method:** | http://pubs.acs.org/doi/abs/10.1021/ci990307l |
| **Crippen Method:** | https://www.chemeo.com/doc/models/crippen_log10ws |
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=R163365&Units=SI |

## 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/20-667-9/alpha-d-Xylofuranose-TMS.pdf
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