# B-Tagatofuranose, TMS

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|---|---|
| **Inchi:** | InChI=1S/C21H52O6Si5/c1-28(2,3)22-16-18-19(25-30(7,8)9)20(26-31(10,11)12)21(24-18 |
| **InchiKey:** | PLNWQGWZBNJIQM-DOIPELPJSA-N |
| **Formula:** | C21H52O6Si5 |
| **SMILES:** | C[Si](C)(C)OCC1OC(CO[Si](C)(C)C)(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C |
| **Mol. weight [g/mol]:** | 541.06 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | 5.77 | | Crippen Method |
| logp | 6.076 | | Crippen Method |
| ripol | 1753.00 | | NIST Webbook |
| ripol | 1753.00 | | 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=R46007&Units=SI |

## Legend

| | |
|---|---|
| **log10ws:** | Log10 of Water solubility in mol/l |
| **logp:** | Octanol/Water partition coefficient |
| **ripol:** | Polar retention indices |

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