# Silane, trimethyl(1-methylpropoxy)-

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|---|---|
| **Other names:** | Silane, sec-butoxytrimethyl- |
| | sec-Butoxytrimethylsilane |
| | 2-Butanol, trimethylsilyl ether |
| | 2-Butanol, tms derivative |
| **Inchi:** | InChI=1S/C7H18OSi/c1-6-7(2)8-9(3,4)5/h7H,6H2,1-5H3 |
| **InchiKey:** | NPVKWWQBIVSLRO-UHFFFAOYSA-N |
| **Formula:** | C7H18OSi |
| **SMILES:** | CCC(C)O[Si](C)(C)C |
| **Mol. weight [g/mol]:** | 146.30 |
| **CAS:** | 1825-66-7 |

# Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.59e-03 | | Crippen Method |
| logp | 2.636 | | Crippen Method |
| rinpol | 745.30 | | NIST Webbook |
| rinpol | 745.30 | | NIST Webbook |

# Sources

| | |
|---|---|
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=C1825667&Units=SI |
| **Crippen Method:** | http://pubs.acs.org/doi/abs/10.1021/ci990307l |
| **Crippen Method:** | 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 |

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