

1-Butanamine, mono-TMS

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| Inchi: | InChI=1S/C7H19NSi/c1-5-6-7-8-9(2,3)4/h8H,5-7H2,1-4H3 |
| InchiKey: | WJBNXEUDLVCWBD-UHFFFAOYSA-N |
| Formula: | C7H19NSi |
| SMILES: | CCCCN[Si](C)(C)C |
| Mol. weight [g/mol]: | 145.32 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|----------|------|----------------|
| log10ws | 7.14e-03 | | Crippen Method |
| logp | 2.211 | | Crippen Method |
| rinsol | 862.00 | | NIST Webbook |
| rinsol | 862.00 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=R64710&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.cheméo.com/doc/models/crippen_log10ws |

Legend

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|-----------------|-------------------------------------|
| log10ws: | Log10 of Water solubility in mol/l |
| logp: | Octanol/Water partition coefficient |
| rinsol: | Non-polar retention indices |

Latest version available from:

<https://www.cheméo.com/cid/21-381-5/1-Butanamine-mono-TMS.pdf>

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