# 1H-Indole-3-acetamide, N,1-bis(trimethylsilyl)-

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|---|---|
| **Other names:** | Indole-3-acetamide, TMS |
| | 3-Indolylacetamide, 2tms derivative |
| **Inchi:** | InChI=1S/C16H26N2OSi2/c1-20(2,3)17-16(19)11-13-12-18(21(4,5)6)15-10-8-7-9-14(13)1 |
| **InchiKey:** | KJUSHXFSECJYLY-UHFFFAOYSA-N |
| **Formula:** | C16H26N2OSi2 |
| **SMILES:** | C[Si](C)(C)NC(=O)Cc1cn([Si](C)(C)C)c2ccccc12 |
| **Mol. weight [g/mol]:** | 318.56 |
| **CAS:** | 72101-39-4 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -0.69 | | Crippen Method |
| logp | 3.818 | | Crippen Method |
| rinpol | 2066.00 | | NIST Webbook |
| rinpol | 2066.00 | | NIST Webbook |

## Sources

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|---|---|
| **Crippen Method:** | https://www.chemeo.com/doc/models/crippen_log10ws |
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=C72101394&Units=SI |
| **Crippen Method:** | http://pubs.acs.org/doi/abs/10.1021/ci990307l |

## Legend

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

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