

1H-Indole, 1-(trimethylsilyl)-

| | |
|-----------------------------|---|
| Other names: | Indole, TMS Indole, tms derivative |
| Inchi: | InChI=1S/C11H15NSi/c1-13(2,3)12-9-8-10-6-4-5-7-11(10)12/h4-9H,1-3H3 |
| InchiKey: | FVTIWXTUSQSDKB-UHFFFAOYSA-N |
| Formula: | C11H15NSi |
| SMILES: | C[Si](C)(C)n1ccc2ccccc21 |
| Mol. weight [g/mol]: | 189.33 |
| CAS: | 17983-42-5 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|-------|------|----------------|
| log10ws | -1.61 | | Crippen Method |
| logp | 3.324 | | Crippen Method |

Sources

| | |
|------------------------|---|
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=C17983425&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.cheméo.com/doc/models/crippen_log10ws |

Legend

| | |
|-----------------|-------------------------------------|
| log10ws: | Log10 of Water solubility in mol/l |
| logp: | Octanol/Water partition coefficient |

Latest version available from:

<https://www.cheméo.com/cid/13-767-6/1H-Indole-1-trimethylsilyl.pdf>

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