

1H-Indole-3-ethanamine, N,1-bis(trimethylsilyl)-

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| Other names: | N-(Trimethylsilyl)-N-(2-[1-(trimethylsilyl)-1H-indol-3-yl]ethyl)amine Tryptamine, di-TMS Tryptamine, bis-TMS Tryptamine, TMS Tryptamine, 2tms derivative |
| Inchi: | InChI=1S/C16H28N2Si2/c1-19(2,3)17-12-11-14-13-18(20(4,5)6)16-10-8-7-9-15(14)16/h7 |
| InchiKey: | PTDMAQSKEGQDAQ-UHFFFAOYSA-N |
| Formula: | C16H28N2Si2 |
| SMILES: | C[Si](C)(C)NCCc1cn([Si](C)(C)C)c2ccccc12 |
| Mol. weight [g/mol]: | 304.58 |
| CAS: | 60840-04-2 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|-------|------|----------------|
| log10ws | -0.91 | | Crippen Method |
| logp | 4.291 | | Crippen Method |

Sources

| | |
|-----------------|---|
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=C60840042&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/89-655-7/1H-Indole-3-ethanamine-N-1-bis-trimethylsilyl.pdf>

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