# 6-Amino-1-hexanol, trimethylsilyl ether

| | |
|---|---|
| **Other names:** | 6-[(Trimethylsilyl)oxy]hexan-1-amine |
| | 1-Hexanol, 6-amino, O-TMS |
| | 6-Amino-1-hexanol, tms derivative |
| **Inchi:** | InChI=1S/C9H23NOSi/c1-12(2,3)11-9-7-5-4-6-8-10/h4-10H2,1-3H3 |
| **InchiKey:** | LYCNGDWFSVYEHD-UHFFFAOYSA-N |
| **Formula:** | C9H23NOSi |
| **SMILES:** | C[Si](C)(C)OCCCCCCN |
| **Mol. weight [g/mol]:** | 189.37 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -0.16 | | Crippen Method |
| logp | 2.357 | | Crippen Method |
| rinpol | 1229.50 | | NIST Webbook |
| rinpol | 1231.00 | | NIST Webbook |
| rinpol | 1229.50 | | NIST Webbook |

## Sources

| | |
|---|---|
| **Crippen Method:** | https://www.chemeo.com/doc/models/crippen_log10ws |
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=U333070&Units=SI |
| **Crippen Method:** | http://pubs.acs.org/doi/abs/10.1021/ci990307l |

## Legend

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