# Purine, 8,9-dimethyl-6-mercapto, TMS

**Inchi:** InChI=1S/C10H16N4SSi/c1-7-13-9-8(14(7)2)10(12-6-11-9)15-16(3,4)5/h6H,1-5H3
**InchiKey:** UKXIOBPLQYRVLX-UHFFFAOYSA-N
**Formula:** C10H16N4SSi
**SMILES:** Cc1nc2ncnc(S[Si](C)(C)C)c2n1C
**Mol. weight [g/mol]:** 252.41

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -3.97 | | Crippen Method |
| logp | 2.599 | | Crippen Method |
| rinpol | 1950.00 | | NIST Webbook |
| rinpol | 1950.00 | | NIST Webbook |

## Sources

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R386662&Units=SI

## Legend

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