

# Silane, dimethyl(dimethyl(6-methylpyrid-2-yloxy)silyloxy)

**Inchi:** InChI=1S/C16H24N2O3Si2/c1-13-9-7-11-15(17-13)19-22(3,4)21-23(5,6)20-16-12-8-10-1  
**InchiKey:** DTGZLOIOKXDGOD-UHFFFAOYSA-N  
**Formula:** C16H24N2O3Si2  
**SMILES:** Cc1cccc(O[Si](C)(C)O[Si](C)(C)Oc2cccc(C)n2)n1  
**Mol. weight [g/mol]:** 348.54

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -1.03   |      | Crippen Method |
| logp          | 3.971   |      | Crippen Method |
| rinpol        | 1857.00 |      | NIST Webbook   |
| rinpol        | 1857.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347323&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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