

# 2,4,6,8,10,12-Hexamethylcyclohexasiloxane

|                             |  |
|-----------------------------|--|
| <b>Inchi:</b>               | InChI=1S/C6H24O6Si6/c1-13-7-14(2)9-16(4)11-18(6)12-17(5)10-15(3)8-13/h13-18H,1-6 |
| <b>InchiKey:</b>            | UODJRFURFLCMHG-UHFFFAOYSA-N  |
| <b>Formula:</b>             | C6H24O6Si6   |
| <b>SMILES:</b>              | C[SiH]1O[SiH](C)O[SiH](C)O[SiH](C)O[SiH](C)O[SiH](C)O1                           |
| <b>Mol. weight [g/mol]:</b> | 360.76   |
| <b>CAS:</b>                 | 6166-87-6  |

## Physical Properties

| Property code | Value  | Unit | Source         |
|---------------|--------|------|----------------|
| log10ws       | 12.77  |      | Crippen Method |
| logp          | -0.799 |      | Crippen Method |

## Sources

|                        |   |
|------------------------|---|
| <b>Crippen Method:</b> | <a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>                                   |
| <b>Crippen Method:</b> | <a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>                           |
| <b>NIST Webbook:</b>   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C6166876&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C6166876&amp;Units=SI</a> |

## Legend

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

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