

# 2-Dimethylisopropylsilyloxynaphthalene

|                             |  |
|-----------------------------|--|
| <b>Inchi:</b>               | InChI=1S/C15H20OSi/c1-12(2)17(3,4)16-15-10-9-13-7-5-6-8-14(13)11-15/h5-12H,1-4H3 |
| <b>InchiKey:</b>            | JNZHMZJEMDNLBA-UHFFFAOYSA-N  |
| <b>Formula:</b>             | C15H20OSi  |
| <b>SMILES:</b>              | CC(C)[Si](C)(C)Oc1ccc2ccccc2c1   |
| <b>Mol. weight [g/mol]:</b> | 244.40   |

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -3.12   |      | Crippen Method |
| logp          | 4.834   |      | Crippen Method |
| rinpol        | 1745.00 |      | NIST Webbook   |

## Sources

|                        |   |
|------------------------|---|
| <b>Crippen Method:</b> | <a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>                         |
| <b>NIST Webbook:</b>   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U307914&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U307914&amp;Units=SI</a> |
| <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>                                 |

## Legend

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

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