

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

|                      |  |
|----------------------|--|
| Inchi:               | InChI=1S/C15H27NO2Si/c1-5-6-7-8-9-13-17-19(3,4)18-15-12-10-11-14(2)16-15/h10-12H |
| InchiKey:            | XMVZCZUIGXAGJW-UHFFFAOYSA-N  |
| Formula:             | C15H27NO2Si  |
| SMILES:              | CCCCCCCO[Si](C)(C)Oc1cccc(C)n1   |
| Mol. weight [g/mol]: | 281.47   |

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.90   |      | Crippen Method |
| logp          | 4.458   |      | Crippen Method |
| rinpol        | 1678.00 |      | NIST Webbook   |
| rinpol        | 1678.00 |      | NIST Webbook   |

## Sources

|                 |   |
|-----------------|---|
| NIST Webbook:   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U347320&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U347320&amp;Units=SI</a> |
| Crippen Method: | <a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>                                 |
| Crippen Method: | <a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>                         |

## Legend

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

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