

# Silane, dimethyl(tetrahydrofurfuryloxy)tetradecyloxy-

|                      |   |
|----------------------|---|
| Other names:         | Silane, dimethyl(furfuryloxy)tetradecyloxy-                                       |
| Inchi:               | InChI=1S/C21H44O3Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-19-23-25(2,3)24-20-21-17-16- |
| InchiKey:            | BLNQFVJXFLRWJW-UHFFFAOYSA-N   |
| Formula:             | C21H44O3Si  |
| SMILES:              | CCCCCCCCCCCCCO[Si](C)(C)OCC1CCCO1   |
| Mol. weight [g/mol]: | 372.66  |

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -4.51   |      | Crippen Method |
| logp          | 6.601   |      | Crippen Method |
| rinpol        | 2337.00 |      | NIST Webbook   |
| rinpol        | 2337.00 |      | NIST Webbook   |

## Sources

|                 |   |
|-----------------|---|
| NIST Webbook:   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U347833&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U347833&amp;Units=SI</a> |
| Crippen Method: | <a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>                                 |
| Crippen Method: | <a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.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         |

Latest version available from:

<https://www.chemeo.com/cid/84-644-4/Silane-dimethyl-tetrahydrofurfuryloxy-tetradecyloxy.pdf>

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