

# L-Val-L-Leu, N-trimethylsilyl-, trimethylsilyl ester

|                             |                                                                                  |
|-----------------------------|----------------------------------------------------------------------------------|
| <b>Other names:</b>         | Trimethylsilyl N-(trimethylsilyl)-l-valyl-l-leucinate                            |
| <b>Inchi:</b>               | InChI=1S/C17H38N2O3Si2/c1-12(2)11-14(17(21)22-24(8,9)10)18-16(20)15(13(3)4)19-23 |
| <b>InchiKey:</b>            | CXDMGVWYNKIDHZ-UHFFFAOYSA-N                                                      |
| <b>Formula:</b>             | C17H38N2O3Si2                                                                    |
| <b>SMILES:</b>              | CC(C)CC(NC(=O)C(N[Si](C)(C)C)C(C)C)C(=O)O[Si](C)(C)C                             |
| <b>Mol. weight [g/mol]:</b> | 374.67                                                                           |

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | 0.20    |      | Crippen Method |
| logp          | 3.344   |      | Crippen Method |
| rinsol        | 1835.60 |      | NIST Webbook   |
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## 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.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=U333696&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333696&amp;Units=SI</a> |

## Legend

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

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