

# Thr-Leu, trimethylsilyl ether, trimethylsilyl ester

|                             |  |
|-----------------------------|--|
| <b>Other names:</b>         | Trimethylsilyl o-(trimethylsilyl)-l-threonyl-l-leucinate                         |
| <b>Inchi:</b>               | InChI=1S/C16H36N2O4Si2/c1-11(2)10-13(16(20)22-24(7,8)9)18-15(19)14(17)12(3)21-23 |
| <b>InchiKey:</b>            | BRZJNZZEAMXHRW-UHFFFAOYSA-N  |
| <b>Formula:</b>             | C16H36N2O4Si2  |
| <b>SMILES:</b>              | CC(C)CC(NC(=O)C(N)C(C)O[Si](C)(C)C)C(=O)O[Si](C)(C)C                             |
| <b>Mol. weight [g/mol]:</b> | 376.64   |

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | 0.94    |      | Crippen Method |
| logp          | 2.463   |      | Crippen Method |
| rinsol        | 1900.10 |      | NIST Webbook   |
| rinsol        | 1900.10 |      | 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=U333679&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333679&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>rinsol:</b>  | Non-polar retention indices         |

Latest version available from:

<https://www.chemeo.com/cid/124-189-5/Thr-Leu-trimethylsilyl-ether-trimethylsilyl-ester.pdf>

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