

Leu-Gly, trimethylsilyl ester

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|-----------------------------|--|
| Other names: | Trimethylsilyl L-leucylglycinate Leucylglycine, tms derivative |
| Inchi: | InChI=1S/C11H24N2O3Si/c1-8(2)6-9(12)11(15)13-7-10(14)16-17(3,4)5/h8-9H,6-7,12H2, |
| InchiKey: | YKFNUAFGYVOFMP-UHFFFAOYSA-N |
| Formula: | C11H24N2O3Si |
| SMILES: | CC(C)CC(N)C(=O)NCC(=O)O[Si](C)(C)C |
| Mol. weight [g/mol]: | 260.41 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 0.39 | | Crippen Method |
| logp | 0.854 | | Crippen Method |
| rinsol | 1732.40 | | NIST Webbook |
| rinsol | 1732.40 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.cheméo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U333693&Units=SI |

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/123-756-6/Leu-Gly-trimethylsilyl-ester.pdf>

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