

Val-gly, trimethylsilyl ester

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| Other names: | Trimethylsilyl l-valylglycinate Valylglycine, tms derivative |
| Inchi: | InChI=1S/C10H22N2O3Si/c1-7(2)9(11)10(14)12-6-8(13)15-16(3,4)5/h7,9H,6,11H2,1-5H3 |
| InchiKey: | XRSBJEAFGLLIPJ-UHFFFAOYSA-N |
| Formula: | C10H22N2O3Si |
| SMILES: | CC(C)C(N)C(=O)NCC(=O)O[Si](C)(C)C |
| Mol. weight [g/mol]: | 246.38 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 0.81 | | Crippen Method |
| logp | 0.464 | | Crippen Method |
| rinpola | 1654.80 | | NIST Webbook |
| rinpola | 1654.80 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U333676&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci990307l |
| Crippen Method: | https://www.cheméo.com/doc/models/crippen_log10ws |

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/118-745-4/Val-gly-trimethylsilyl-ester.pdf>

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