# Glycine, N-(2-furanylcarbonyl)-N-(trimethylsilyl)-, trimethylsilyl ester

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|---|---|
| **Other names:** | Bis(trimethylsilyl)furoylglycine |
| | N-Furoylglycine, di(trimethylsilyl)- |
| | 2-Furoylglycine, di-TMS |
| | Furoylglycine, 2tms derivative |
| **Inchi:** | InChI=1S/C13H23NO4Si2/c1-19(2,3)14(10-12(15)18-20(4,5)6)13(16)11-8-7-9-17-11/h7-9 |
| **InchiKey:** | BAEOHXKZYKUEOU-UHFFFAOYSA-N |
| **Formula:** | C13H23NO4Si2 |
| **SMILES:** | C[Si](C)(C)OC(=O)CN(C(=O)c1ccco1)[Si](C)(C)C |
| **Mol. weight [g/mol]:** | 313.50 |
| **CAS:** | 55556-83-7 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.83 | | Crippen Method |
| logp | 2.935 | | Crippen Method |
| rinpol | 1652.00 | | NIST Webbook |
| rinpol | 1664.00 | | NIST Webbook |
| rinpol | 1647.00 | | NIST Webbook |
| rinpol | 1647.00 | | NIST Webbook |
| rinpol | 1647.00 | | NIST Webbook |
| rinpol | 1652.00 | | NIST Webbook |

## Sources

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|---|---|
| **Crippen Method:** | http://pubs.acs.org/doi/abs/10.1021/ci990307l |
| **Crippen Method:** | https://www.chemeo.com/doc/models/crippen_log10ws |
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=C55556837&Units=SI |

## Legend

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|---|---|
| **log10ws:** | Log10 of Water solubility in mol/l |

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices