# L-2-Aminobutyric acid, trimethylsilyl ester

**Other names:** Trimethylsilyl (2R)-2-aminobutanoate
L-2-aminobutyric acid, tms derivative
**Inchi:** InChI=1S/C7H17NO2Si/c1-5-6(8)7(9)10-11(2,3)4/h6H,5,8H2,1-4H3
**InchiKey:** DPRFUZUDPNMXIO-UHFFFAOYSA-N
**Formula:** C7H17NO2Si
**SMILES:** CCC(N)C(=O)O[Si](C)(C)C
**Mol. weight [g/mol]:** 175.30

# Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -0.88 | | Cheméo Relay (1.0) |
| logp | 1.102 | | Crippen Method |
| rinpol | 1031.50 | | NIST Webbook |
| rinpol | 1025.00 | | NIST Webbook |
| rinpol | 1047.00 | | NIST Webbook |
| rinpol | 1031.50 | | NIST Webbook |
| rinpol | 1047.00 | | NIST Webbook |

# Sources

**Cheméo Relay (1.0):**
**Cheméo Relay (1.0, beta):**
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U332990&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

# Legend

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