

# Glutamic acid, TMS, # 1

**Inchi:** InChI=1S/C14H33NO4Si3/c1-20(2,3)15-12(14(17)19-22(7,8)9)10-11-13(16)18-21(4,5)6/h  
**InchiKey:** STTWTJDZFSNFS-GFCCVEGCSA-N  
**Formula:** C14H33NO4Si3  
**SMILES:** C[Si](C)(C)NC(CCC(=O)O[Si](C)(C)C)C(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 363.67

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | 3.14    |      | Crippen Method |
| logp          | 3.316   |      | Crippen Method |
| rinpol        | 1528.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R191563&Units=SI>

## Legend

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

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