

# Trichloro(butyloxy)silane

**Inchi:** InChI=1S/C4H9Cl3OSi/c1-2-3-4-8-9(5,6)7/h2-4H2,1H3  
**InchiKey:** SZZPLIQXDJWGIS-UHFFFAOYSA-N  
**Formula:** C4H9Cl3OSi  
**SMILES:** CCCCC[Si](Cl)(Cl)Cl  
**Mol. weight [g/mol]:** 207.56

## Physical Properties

| Property code | Value  | Unit | Source         |
|---------------|--------|------|----------------|
| log10ws       | -0.84  |      | Crippen Method |
| logp          | 2.955  |      | Crippen Method |
| rinpol        | 894.00 |      | NIST Webbook   |
| rinpol        | 881.00 |      | NIST Webbook   |
| rinpol        | 876.00 |      | NIST Webbook   |
| rinpol        | 900.00 |      | NIST Webbook   |
| rinpol        | 900.00 |      | NIST Webbook   |
| rinpol        | 900.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R139367&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/65-298-0/Trichloro-butyloxy-silane.pdf>

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