

Trichlorosilyl

| | |
|-----------------------------|-----------------------------|
| Inchi: | InChI=1S/Cl3Si/c1-4(2)3 |
| InchiKey: | PPDADIYYMSXQJK-UHFFFAOYSA-N |
| Formula: | Cl3Si |
| SMILES: | Cl[Si](Cl)Cl |
| Mol. weight [g/mol]: | 134.44 |
| CAS: | 19165-34-5 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|-------|------|----------------|
| log10ws | 0.47 | | Crippen Method |
| logp | 1.688 | | Crippen Method |

Sources

| | |
|------------------------|---|
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.cheméo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=C19165345&Units=SI |

Legend

| | |
|-----------------|-------------------------------------|
| log10ws: | Log10 of Water solubility in mol/l |
| logp: | Octanol/Water partition coefficient |

Latest version available from:

<https://www.cheméo.com/cid/38-116-1/Trichlorosilyl.pdf>

Generated by Cheméo on 2024-04-30 01:09:51.740490693 +0000 UTC m=+16728640.661068009.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.