

# Silane, dichloroethenylethyl-

|                             |                                                                                                                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Other names:</b>         | Silane, dichloroethylvinyl-<br>Dichloroethylvinylsilane<br>Ethylvinylchlorosilane<br>Vinyl(ethyl)dichlorosilane |
| <b>Inchi:</b>               | InChI=1S/C4H8Cl2Si/c1-3-7(5,6)4-2/h3H,1,4H2,2H3                                                                 |
| <b>InchiKey:</b>            | JPBGVRDEQPIMFO-UHFFFAOYSA-N                                                                                     |
| <b>Formula:</b>             | C4H8Cl2Si                                                                                                       |
| <b>SMILES:</b>              | C=C[Si](Cl)(Cl)CC                                                                                               |
| <b>Mol. weight [g/mol]:</b> | 155.10                                                                                                          |
| <b>CAS:</b>                 | 10138-21-3                                                                                                      |

## Physical Properties

| Property code | Value  | Unit | Source         |
|---------------|--------|------|----------------|
| log10ws       | -0.38  |      | Crippen Method |
| logp          | 2.651  |      | Crippen Method |
| rinpol        | 796.40 |      | NIST Webbook   |

## Sources

|                        |                                                                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Crippen Method:</b> | <a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>                                     |
| <b>Crippen Method:</b> | <a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>                             |
| <b>NIST Webbook:</b>   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C10138213&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C10138213&amp;Units=SI</a> |

## Legend

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

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