

Silane, chloromethyl, methyl, dimethoxy

Inchi: InChI=1S/C4H11ClO2Si/c1-6-8(3,4-5)7-2/h4H2,1-3H3
InchiKey: ZXZMFKUGAPMMCJ-UHFFFAOYSA-N
Formula: C4H11ClO2Si
SMILES: CO[Si](C)(CC)OC
Mol. weight [g/mol]: 154.67

Physical Properties

| Property code | Value | Unit | Source |
|---------------|--------|------|----------------|
| log10ws | 1.46 | | Crippen Method |
| logp | 1.129 | | Crippen Method |
| rinpol | 810.00 | | NIST Webbook |

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=R311727&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.cheméo.com/cid/46-268-4/Silane-chloromethyl-methyl-dimethoxy.pdf>

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