

Silane, dimethyl(2-chloropropoxy)propoxy-

Inchi: InChI=1S/C8H19ClO2Si/c1-5-6-10-12(3,4)11-7-8(2)9/h8H,5-7H2,1-4H3
InchiKey: HMRRBWROTOSFHV-UHFFFAOYSA-N
Formula: C8H19ClO2Si
SMILES: CCCO[Si](C)(C)OCC(C)Cl
Mol. weight [g/mol]: 210.77

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -0.24 | | Crippen Method |
| logp | 2.759 | | Crippen Method |
| rinpol | 1077.00 | | NIST Webbook |

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347640&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/57-658-9/Silane-dimethyl-2-chloropropoxy-propoxy.pdf>

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