

Silane, diethoxy-, dipropoxy-

Inchi: InChI=1S/C10H24O4Si/c1-5-9-13-15(11-7-3,12-8-4)14-10-6-2/h5-10H2,1-4H3
InchiKey: WXAYXYTUOFVMKE-UHFFFAOYSA-N
Formula: C10H24O4Si
SMILES: CCCO[Si](OCC)(OCC)OCCC
Mol. weight [g/mol]: 236.38

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -0.15 | | Crippen Method |
| logp | 2.348 | | Crippen Method |
| rinpol | 1010.00 | | NIST Webbook |
| rinpol | 1010.50 | | NIST Webbook |
| rinpol | 1006.00 | | NIST Webbook |
| rinpol | 1006.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138240&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/66-356-4/Silane-diethoxy-dipropoxy.pdf>

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