

# Silane, dimethyl(3-methylbut-2-enyloxy)butoxy-

|                      |  |
|----------------------|--|
| Inchi:               | InChI=1S/C11H24O2Si/c1-6-7-9-12-14(4,5)13-10-8-11(2)3/h8H,6-7,9-10H2,1-5H3 |
| InchiKey:            | FPLBEALVSSSVJO-UHFFFAOYSA-N  |
| Formula:             | C11H24O2Si   |
| SMILES:              | CCCCO[Si](C)(C)OCC=C(C)C   |
| Mol. weight [g/mol]: | 216.39   |

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -1.09   |      | Crippen Method |
| logp          | 3.488   |      | Crippen Method |
| rinpol        | 1206.00 |      | NIST Webbook   |
| rinpol        | 1206.00 |      | NIST Webbook   |

## Sources

|                 |   |
|-----------------|---|
| NIST Webbook:   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U347964&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U347964&amp;Units=SI</a> |
| Crippen Method: | <a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>                                 |
| Crippen Method: | <a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>                         |

## Legend

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

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<https://www.chemeo.com/cid/40-196-0/Silane-dimethyl-3-methylbut-2-enyloxy-butoxy.pdf>

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