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## Typical Product Specifications & Properties

# 1-Methoxy-2-methyl-1-(trimethylsiloxy)propene

CAS Number: : 31469-15-5

| Specifications               | Limits                                                                                    |
|------------------------------|-------------------------------------------------------------------------------------------|
| Molecular Formula            | C <sub>8</sub> H <sub>18</sub> O <sub>2</sub> Si                                          |
| Molecular weight             |                                                                                           |
| Canonicalized Compound       | 1                                                                                         |
| Compound Complexity          | 152                                                                                       |
| Hydrogen Bond Acceptor Count | 2                                                                                         |
| Hydrogen Bond Donor Count    |                                                                                           |
| Rotatable Bond Count         | 3                                                                                         |
| Allowed IUPAC Name           | (1-methoxy-2-methyl-prop-1-enoxy)-trimethylsilane                                         |
| CAS-like Style IUPAC Name    | (1-methoxy-2-methylprop-1-enoxy)-trimethylsilane                                          |
| Markup IUPAC Name            | (1-methoxy-2-methylprop-1-enoxy)-trimethylsilane                                          |
| Traditional IUPAC Name       | (1-methoxy-2-methyl-prop-1-enoxy)-trimethylsilane                                         |
| Standard InChI               | InChI=1S/C <sub>8</sub> H <sub>18</sub> O <sub>2</sub> Si/c1-7(2)8(9-3)10-11(4,5)6/h1-6H3 |



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| Specifications                    | Limits                                                                                                                                             |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard InChIKey                 | JNOGVQJEBGKMG-UHFFFAOYSA-N                                                                                                                         |
| Exact Mass                        | 174.107606347                                                                                                                                      |
| Molecular Weight                  | 174.31                                                                                                                                             |
| Canonical SMILES                  | <chem>CC(=C(OC)O[Si](C)(C)C)C</chem>                                                                                                               |
| Isomeric SMILES                   | <chem>CC(=C(OC)O[Si](C)(C)C)C</chem>                                                                                                               |
| Polar Surface Area<br>Topological | 18.5                                                                                                                                               |
| Monoisotopic Weight               | 174.107606347                                                                                                                                      |
| Preferred IUPAC Name              | (1-methoxy-2-methylprop-1-enoxy)-trimethylsilane                                                                                                   |
| Systematic IUPAC Name             | (1-methoxy-2-methyl-prop-1-enoxy)-trimethyl-silane                                                                                                 |
| Chemical Structure                |  chemicalStructure-1-methoxy-2-methyl-1-trimethylsiloxy-propene |



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