

trans-2-Octenoic acid, trimethylsilyl ester

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|-----------------------------|---|
| Inchi: | InChI=1S/C11H22O2Si/c1-5-6-7-8-9-10-11(12)13-14(2,3)4/h9-10H,5-8H2,1-4H3/b10-9+ |
| InchiKey: | YYMCWFXIWNWDG-MDZDMXLPSA-N |
| Formula: | C11H22O2Si |
| SMILES: | CCCCC=CC(=O)O[Si](C)(C)C |
| Mol. weight [g/mol]: | 214.38 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -1.19 | | Crippen Method |
| logp | 3.501 | | Crippen Method |
| rinpol | 1305.00 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=R296034&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/50-855-7/trans-2-Octenoic-acid-trimethylsilyl-ester.pdf>

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