

cis-10-Nonadecenoic acid, trimethylsilyl ester

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|-----------------------------|--|
| Other names: | 10-Nonadecenoic acid, (z)-, tms derivative |
| Inchi: | InChI=1S/C22H44O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22(23)24-25 |
| InchiKey: | QHEFMMIZAMPGOP-SEYXRHQNSA-N |
| Formula: | C22H44O2Si |
| SMILES: | CCCCCCCCC=CCCCCCCCC(=O)O[Si](C)(C)C |
| Mol. weight [g/mol]: | 368.67 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -5.80 | | Crippen Method |
| logp | 7.792 | | Crippen Method |
| rinpola | 2322.00 | | NIST Webbook |
| rinpola | 2322.00 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U333649&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 |
| rinpola: | Non-polar retention indices |

Latest version available from:

<https://www.chemeo.com/cid/95-911-5/cis-10-Nonadecenoic-acid-trimethylsilyl-ester.pdf>

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