

cis-10-Heptadecenoic acid, trimethylsilyl ester

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|-----------------------------|---|
| Other names: | 10-Heptadecenoic acid, (z)-, tms derivative |
| Inchi: | InChI=1S/C20H40O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20(21)22-23(2,3)4/ |
| InchiKey: | WPOYSNWKICXUQI-KHPPLWFESA-N |
| Formula: | C20H40O2Si |
| SMILES: | CCCCCCC=CCCCCCCCC(=O)O[Si](C)(C)C |
| Mol. weight [g/mol]: | 340.62 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -4.96 | | Crippen Method |
| logp | 7.012 | | Crippen Method |
| rinsol | 2126.20 | | NIST Webbook |
| rinsol | 2126.20 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U333626&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 |
| rinsol: | Non-polar retention indices |

Latest version available from:

<https://www.chemeo.com/cid/96-150-9/cis-10-Heptadecenoic-acid-trimethylsilyl-ester.pdf>

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