

Hexadecanoic acid, 12-methyl, trimethylsilyl ester

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|----------------------|---|
| Inchi: | InChI=1S/C20H42O2Si/c1-6-7-16-19(2)17-14-12-10-8-9-11-13-15-18-20(21)22-23(3,4)5/ |
| InchiKey: | OTAUHRBZSYZETL-UHFFFAOYSA-N |
| Formula: | C20H42O2Si |
| SMILES: | CCCC(C)CCCCCCCCC(=O)O[Si](C)(C)C |
| Mol. weight [g/mol]: | 342.63 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -4.87 | | Crippen Method |
| logp | 7.092 | | Crippen Method |
| rinpol | 2092.00 | | NIST Webbook |

Sources

| | |
|-----------------|---|
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.cheméo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=R315190&Units=SI |

Legend

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

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