

# 17-Hydroxy-arachidic, methyl ester, tBDMS ether

|                      |   |
|----------------------|---|
| Inchi:               | InChI=1S/C27H56O3Si/c1-8-22-25(30-31(6,7)27(2,3)4)23-20-18-16-14-12-10-9-11-13-15 |
| InchiKey:            | QECQRIQOHDAKHA-UHFFFAOYSA-N   |
| Formula:             | C27H56O3Si  |
| SMILES:              | CCCC(CCCCCCCCCCCCCCCC(=O)OC)O[Si](C)(C)C(C)(C)C                                   |
| Mol. weight [g/mol]: | 456.82  |

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -7.24   |      | Crippen Method |
| logp          | 9.201   |      | Crippen Method |
| rinpol        | 2795.00 |      | NIST Webbook   |

## Sources

|                 |   |
|-----------------|---|
| Crippen Method: | <a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>                         |
| NIST Webbook:   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R187094&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R187094&amp;Units=SI</a> |
| Crippen Method: | <a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>                                 |

## Legend

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

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<https://www.chemeo.com/cid/94-881-0/17-Hydroxy-arachidic-methyl-ester-tBDMS-ether.pdf>

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