

17-Octadecynoic acid, tert-butyldimethylsilyl ester

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|-----------------------------|--|
| Other names: | 17-Octadecynoic acid, tbdms derivative |
| Inchi: | InChI=1S/C24H46O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23(25)26-27(|
| InchiKey: | RODOEDRGRHSJY-UHFFFAOYSA-N |
| Formula: | C24H46O2Si |
| SMILES: | C#CCCCCCCCCCCCCCCCC(=O)O[Si](C)(C)C(C)C |
| Mol. weight [g/mol]: | 394.71 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -6.58 | | Crippen Method |
| logp | 8.020 | | Crippen Method |
| rinpol | 2507.20 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U333543&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.cheméo.com/doc/models/crippen_log10ws |

Legend

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

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