

trans-4-Trimethylsilyloxy-cyclohexyl(trimethylsilyl)

| | |
|-----------------------------|---|
| Other names: | 4-Hydroxycyclohexanecarboxylic acid, di-TMS |
| Inchi: | InChI=1S/C13H28O3Si2/c1-17(2,3)15-12-9-7-11(8-10-12)13(14)16-18(4,5)6/h11-12H,7-13H |
| InchiKey: | GKOJEADQXLHCDU-HAQNSBGRSA-N |
| Formula: | C13H28O3Si2 |
| SMILES: | C[Si](C)(C)OC(=O)C1CCC(O[Si](C)(C)C)CC1 |
| Mol. weight [g/mol]: | 288.53 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 0.92 | | Crippen Method |
| logp | 3.775 | | Crippen Method |
| rinpola | 1511.00 | | NIST Webbook |
| rinpola | 1522.00 | | NIST Webbook |
| rinpola | 1511.00 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci990307l |
| Crippen Method: | https://www.cheméo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U79299&Units=SI |

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.cheméo.com/cid/118-496-1/trans-4-Trimethylsilyloxy-cyclohexyl-trimethylsilyl-carboxylate.pdf>

Generated by Cheméo on 2024-05-02 01:59:19.460249714 +0000 UTC m=+16904408.380827036.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.