

Carbonyl, bis(trimethylsilyloxy)-

Inchi: InChI=1S/C7H18O3Si2/c1-11(2,3)9-7(8)10-12(4,5)6/h1-6H3
InchiKey: POWCFMBNSWHQEJ-UHFFFAOYSA-N
Formula: C7H18O3Si2
SMILES: C[Si](C)(C)OC(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 206.39

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 2.22 | | Crippen Method |
| logp | 2.809 | | Crippen Method |
| rinpol | 1048.00 | | NIST Webbook |
| rinpol | 1048.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U141243&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

Latest version available from:

<https://www.cheméo.com/cid/16-792-5/Carbonyl-bis-trimethylsilyloxy.pdf>

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