

1,1,2,2-Tetramethyl-3,3,4,4-tetra(n-butyl)cyclotetra

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|-----------------------------|--|
| Other names: | 1,1,2,2-Tetramethyltetraabutyl cyclotetrasilane |
| Inchi: | InChI=1S/C20H48Si4/c1-9-13-17-23(18-14-10-2)21(5,6)22(7,8)24(23,19-15-11-3)20-16-1 |
| InchiKey: | NWHA EIJLFGFQLD-UHFFFAOYSA-N |
| Formula: | C20H48Si4 |
| SMILES: | CCCC[Si]1(CCCC)[Si](C)(C)[Si](C)(C)[Si]1(CCCC)CCCC |
| Mol. weight [g/mol]: | 400.94 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|-------|------|----------------|
| log10ws | 1.34 | | Crippen Method |
| logp | 7.828 | | Crippen Method |

Sources

| | |
|------------------------|---|
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U292878&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 |

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