

1-(2-Methylbutoxy)-7-isoheptyl-2,2,4,4,6,6-hexamethylsiloxane

Inchi: InChI=1S/C17H42O4Si3/c1-11-17(4)15-19-23(7,8)21-24(9,10)20-22(5,6)18-14-12-13-16
InchiKey: HFLOHCUNMJMGCI-UHFFFAOYSA-N
Formula: C17H42O4Si3
SMILES: CCC(C)CO[Si](C)(C)O[Si](C)(C)O[Si](C)(C)OCCCC(C)C
Mol. weight [g/mol]: 394.77

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 1.30 | | Crippen Method |
| logp | 5.641 | | Crippen Method |
| rinpol | 1602.00 | | 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=U347007&Units=SI>

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/49-350-9/1-2-Methylbutoxy-7-isoheptyl-2-2-4-4-6-6-hexamethyl-1-3-5-7-tetraoxa-2-4-6-trioxane>

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