

Cyclotrisiloxane, 2,4,6-triethyl-2,4,6-trimethyl-

Other names:

Cyclotrisiloxane, 2,4,6-trimethyl-2,4,6-trivinyl-
Methylvinylsiloxane cyclic trimer
1,3,5-Trivinyl-1,3,5-trimethylcyclotrisiloxane
2,4,6-Trimethyl-2,4,6-trivinylcyclotrisiloxane
1,3,5-Trimethyl-1,3,5-trivinylcyclotrisiloxane

InChI: InChI=1S/C9H18O3Si3/c1-7-13(4)10-14(5,8-2)12-15(6,9-3)11-13/h7-9H,1-3H2,4-6H3
InchiKey: BVTLTBONLZSBJC-UHFFFAOYSA-N
Formula: C9H18O3Si3
SMILES: C=C[Si]1(C)O[Si](C)(C=C)O[Si](C)(C=C)O1
Mol. weight [g/mol]: 258.49
CAS: 3901-77-7

Physical Properties

| Property code | Value | Unit | Source |
|---------------|-------|------|----------------|
| log10ws | 3.53 | | Crippen Method |
| logp | 2.441 | | Crippen Method |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C3901777&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/60-325-4/Cyclotrisiloxane-2-4-6-triethyl-2-4-6-trimethyl.pdf>

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