

2,2,4,4,6,8-hexamethyl-6,8-di(2-cyanoethyl)-[1,3,5,

Inchi: InChI=1S/C12H26N2O4Si4/c1-19(2)15-20(3,4)17-22(6,12-8-10-14)18-21(5,16-19)11-7-9
InchiKey: GYDZTBWHBSUSTF-UHFFFAOYSA-N
Formula: C12H26N2O4Si4
SMILES: C[Si]1(C)O[Si](C)(C)O[Si](C)(CCC#N)O[Si](C)(CCC#N)O1
Mol. weight [g/mol]: 374.69

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 4.64 | | Crippen Method |
| logp | 3.441 | | Crippen Method |
| rinpol | 1797.00 | | NIST Webbook |
| rinpol | 1797.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R254585&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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.chemeo.com/cid/121-508-3/2-2-4-4-6-8-hexamethyl-6-8-di-2-cyanoethyl-1-3-5-7-2-4-6-8-cyclotetrasiloxa>

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