

2,2,4,6-tetramethyl-4,6-di(2-cyanoethyl)-[1,3,5,2,4,6]

Inchi: InChI=1S/C10H20N2O3Si3/c1-16(2)13-17(3,9-5-7-11)15-18(4,14-16)10-6-8-12/h5-6,9-10
InchiKey: YXOQPPYVMRZLPG-UHFFFAOYSA-N
Formula: C10H20N2O3Si3
SMILES: C[Si]1(C)O[Si](C)(CCC#N)O[Si](C)(CCC#N)O1
Mol. weight [g/mol]: 300.53

Physical Properties

Property code	Value	Unit	Source
log10ws	3.20		Crippen Method
logp	2.723		Crippen Method
rinpol	1654.00		NIST Webbook
rinpol	1654.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R254694&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/118-307-0/2-2-4-6-tetramethyl-4-6-di-2-cyanoethyl-1-3-5-2-4-6-cyclotrisiloxane.pdf>

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