2,2,4,4,6,8,10-heptamethyl-6,8,10-tri(2-cyanoethyl)

Inchi: InChI=1S/C16H33N3O5Si5/c1-25(2)20-26(3,4)22-28(6,15-9-12-18)24-29(7,16-10-13-19)
InchiKey: AFJHRIVAZQABGE-UHFFFAOYSA-N
Formula: C16H33N3O5Si5
SMILES: C[Si]1(C)O[Si](C)(C)O[Si](C)(CCC#N)O[Si](C)(CCC#N)O[Si](C)(CCC#N)O1
Mol. weight [g/mol]: 487.88

Physical Properties

Property code	Value	Unit	Source
log10ws	5.38		Crippen Method
logp	4.444		Crippen Method
rinpol	2359.00		NIST Webbook
rinpol	2359.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R254550&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices