2,2,4,4,6,8,8,10,12-nonamethyl-8,10,12-tri(2-cyano

Inchi: InChI=1S/C18H39N3O6Si6/c1-28(2)22-29(3,4)24-31(7,16-10-13-19)26-33(9,18-12-15-21
InchiKey: FPVPCBOYLPFNND-UHFFFAOYSA-N
Formula: C18H39N3O6Si6
SMILES: C[Si]1(C)O[Si](C)(C)O[Si](C)(CCC#N)O[Si](C)(CCC#N)O[Si](C)(CCC#N)O[Si](C)(C)O1
Mol. weight [g/mol]: 562.03

Physical Properties

Property code	Value	Unit	Source
log10ws	6.83		Crippen Method
logp	5.162		Crippen Method
rinpol	2528.00		NIST Webbook
rinpol	2528.00		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=R254570&Units=SI

Legend

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