

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/ci9903071>
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

Latest version available from:

<https://www.chemeo.com/cid/114-028-4/2-2-4-4-6-8-10-heptamethyl-6-8-10-tri-2-cyanoethyl-1-3-5-7-9-2-4-6-8-10-cy>

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