

2,2,4,4,6,6,8,10-octamethyl-8,10-di(2-cyanoethyl)-[

Inchi: InChI=1S/C14H32N2O5Si5/c1-22(2)17-23(3,4)19-25(7,13-9-11-15)21-26(8,14-10-12-16)
InchiKey: BDZDWTRJGUGUEB-UHFFFAOYSA-N
Formula: C14H32N2O5Si5
SMILES: C[Si]1(C)O[Si](C)(C)O[Si](C)(CCC#N)O[Si](C)(CCC#N)O[Si](C)(C)O1
Mol. weight [g/mol]: 448.84

Physical Properties

Property code	Value	Unit	Source
log10ws	6.09		Crippen Method
logp	4.160		Crippen Method
rinpol	1951.00		NIST Webbook
rinpol	1951.00		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=R254352&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/116-734-8/2-2-4-4-6-6-8-10-octamethyl-8-10-di-2-cyanoethyl-1-3-5-7-9-2-4-6-8-10-cycl>

Generated by Cheméo on 2024-04-29 12:16:28.526113321 +0000 UTC m=+16682237.446690637.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.