

2,2,4,4,6,6,8,8,10-nonamethyl-10-(2-cyanoethyl)-[1

Inchi: InChI=1S/C12H31NO5Si5/c1-19(2)14-20(3,4)16-22(7,8)18-23(9,12-10-11-13)17-21(5,6)1
InchiKey: XAHNBVROIQGIMW-UHFFFAOYSA-N
Formula: C12H31NO5Si5
SMILES: C[Si]1(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(CCC#N)O[Si](C)(C)O1
Mol. weight [g/mol]: 409.81

Physical Properties

Property code	Value	Unit	Source
log10ws	6.79		Crippen Method
logp	3.876		Crippen Method
rinpol	1562.00		NIST Webbook
rinpol	1562.00		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=R254461&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/29-685-0/2-2-4-4-6-6-8-8-10-nonamethyl-10-2-cyanoethyl-1-3-5-7-9-2-4-6-8-10-cyclope>

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