Cyclononacosasiloxane, octapentacontamethyl

Inchi: InChI=1S/C58H174O29Si29/c1-88(2)59-89(3,4)61-91(7,8)63-93(11,12)65-95(15,16)67-9

InchiKey: GBMHYYXNBXNGDG-UHFFFAOYSA-N

Formula: C58H174O29Si29

SMILES: C[Si]1(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O

Mol. weight [g/mol]: 2150.46

Physical Properties

Property code	Value	Unit	Source
log10ws	42.11		Crippen Method
logp	20.834		Crippen Method
rinpol	4643.00		NIST Webbook
rinpol	4643.00		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=R55319&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/41-103-1/Cyclononacosasiloxane-octapentacontamethyl.pdf

Generated by Cheméo on 2024-04-27 22:02:10.153884165 +0000 UTC m=+16544579.074461477.

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