3,3'-[(1,1,3,3,5,5,7,7-Octamethyltetrasiloxane-1,7-d

Inchi: InChI=1S/C20H36N2O5Si4/c1-28(2,23-17-19-11-9-13-21-15-19)25-30(5,6)27-31(7,8)26-

InchiKey: AWDFCEUSBPCNNP-UHFFFAOYSA-N

Formula: C20H36N2O5Si4

SMILES: C[Si](C)(OCc1cccnc1)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)OCc1cccnc1

Mol. weight [g/mol]: 496.85

Physical Properties

Property code	Value	Unit	Source
log10ws	2.27		Crippen Method
logp	5.067		Crippen Method
rinpol	2479.60		NIST Webbook
rinpol	2479.60		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=U334150&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices