

# 3,3'-[(1,1,3,3,5,5,7,7-Octamethyltetrasiloxane-1,7-diyl)bis(oxymethylene)dipyrrolidine]

**Inchi:** InChI=1S/C20H36N2O5Si4/c1-28(2,23-17-19-11-9-13-21-15-19)25-30(5,6)27-31(7,8)26-32  
**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/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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

Latest version available from:

<https://www.chemeo.com/cid/32-000-5/3-3-1-1-3-3-5-5-7-7-Octamethyltetrasiloxane-1-7-diyl-bis-oxymethylene-dipyrrolidine>

Generated by Cheméo on 2024-04-25 21:02:37.385888463 +0000 UTC m=+16368206.306465773.

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