

# 5«alpha»-Pregnan-3«beta»,20«beta»-diol, VDMS

<b>Inchi:</b>	InChI=1S/C28H50O2Si2/c1-9-31(5,6)29-20(3)26-15-16-27-25-13-11-21-19-22(30-32(7,8)
<b>InchiKey:</b>	SMVDIMGNHKWSTB-XDSLICOQSA-N
<b>Formula:</b>	C28H50O2Si2
<b>SMILES:</b>	C=C[Si](C)(C)OC1CCC2C(CCC3C2CCC2(C)C(C(C)O[Si](C)(C)C=C)CCC32)C1
<b>Mol. weight [g/mol]:</b>	474.87

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.81		Crippen Method
logp	7.906		Crippen Method
rinpol	3028.00		NIST Webbook
rinpol	3028.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R529438&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R529438&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpol:</b>	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/39-427-5/5-alpha-Pregnan-3-beta-20-beta-diol-VDMS.pdf>

Generated by Cheméo on 2024-04-25 21:10:03.995387377 +0000 UTC m=+16368652.915964688.

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