

# 5-Pregnen-3-«alpha»,20-«alpha»-diol-20-GlcNAc

**TMS**

**InchiKey:**

InChI=1S/C41H79NO7Si4/c1-27(32-19-20-33-31-18-17-29-25-30(47-51(8,9)10)21-23-40

IHXNCGCWSBPANW-IVIGLZASSA-N

**Formula:**

C41H79NO7Si4

**SMILES:**

CC(=O)NC1C(OC(C)C2CCC3C4CC=C5CC(O[Si](C)(C)C)CCC5(C)C4CCC23C)OC(CO[

**Mol. weight [g/mol]:**

810.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.83		Crippen Method
logp	9.712		Crippen Method
rinpol	4383.00		NIST Webbook

## Sources

**Crippen Method:**

<http://pubs.acs.org/doi/abs/10.1021/ci990307l>

**Crippen Method:**

[https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

**NIST Webbook:**

<http://webbook.nist.gov/cgi/cbook.cgi?ID=R394237&Units=SI>

## Legend

**log10ws:**

Log10 of Water solubility in mol/l

**logp:**

Octanol/Water partition coefficient

**rinpol:**

Non-polar retention indices

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