# 3.alpha.-hydroxy-pregn-4-en-20-one, MO-TMS

**Other names:** 3«alpha»-Dihydroprogesterone, MO-TMS
**Inchi:** InChI=1S/C25H43NO2Si/c1-17(26-27-4)21-10-11-22-20-9-8-18-16-19(28-29(5,6)7)12-14
**InchiKey:** JVLYJNBVYMTOHS-OAJKAGJUSA-N
**Formula:** C25H43NO2Si
**SMILES:** CO/N=C(\C)[C@H]1CCC2C3CCC4=C[C@H](O[Si](C)(C)C)CC[C@]4(C)C3CC[C@@]21
**Mol. weight [g/mol]:** 417.71

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -5.63 | | Cheméo Relay (1.0) |
| logp | 6.808 | | Crippen Method |
| tf | 401.24 | K | Cheméo Relay (1.0) |

## Sources

**Cheméo Relay (1.0, beta):**
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?Str2File=R395785
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**Cheméo Relay (1.0):**

## Legend

**log10ws:** Log10 of Water solubility in mol/l
**logp:** Octanol/Water partition coefficient
**tf:** Normal melting (fusion) point