

# 19-Nor-17«alpha»-pregn-4-en-3-one, 17-(trimethylsiloxy)-

**Other names:** 17«alpha»-Ethyl-17-[(trimethylsilyl)oxy]estr-4-en-3-one

Norethandrolone, mono-TMS

Norethandrolone trimethylsilyl ether

Norethandrolone, tms derivative

**Inchi:** InChI=1S/C23H38O2Si/c1-6-23(25-26(3,4)5)14-12-21-20-9-7-16-15-17(24)8-10-18(16)19

**InchiKey:** MDNYDTPRNRDIT-XNZMWDKWSA-N

**Formula:** C23H38O2Si

**SMILES:** CCC1(O[Si](C)(C)C)CCC2C3CCC4=CC(=O)CCC4C3CCC21C

**Mol. weight [g/mol]:** 374.63

**CAS:** 6689-89-0

## Physical Properties

| Property code | Value | Unit | Source         |
|---------------|-------|------|----------------|
| log10ws       | -4.20 |      | Crippen Method |
| logp          | 6.128 |      | Crippen Method |

## 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=C6689890&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

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