

5-«alpha»-Androstan-7-«alpha»,17-«beta»-diol,

TMS

InChI=1S/C25H48O2Si2/c1-24-15-10-9-11-18(24)17-21(26-28(3,4)5)23-19-12-13-22(27-28)25H48O2Si2

InchiKey: MJMIFJGLEHUVMI-XTDPNHJSSA-N

Formula: C25H48O2Si2

SMILES: CC12CCCCC1CC(O[Si](C)(C)C)C1C2CCC2(C)C(O[Si](C)(C)C)CCC12

Mol. weight [g/mol]: 436.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.92		Crippen Method
logp	7.469		Crippen Method
rinpol	2437.00		NIST Webbook
rinpol	2430.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R384908&Units=SI>

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

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/11-920-7/5-alpha-Androstan-7-alpha-17-beta-diol-TMS.pdf>

Generated by Cheméo on 2025-12-05 13:17:58.110110063 +0000 UTC m=+4688875.640150717.

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