

3«beta»,17«beta»-Bis(trimethylsilyloxy)-5«alpha»

Other names:

Silane, [[(3«beta»,5«alpha»,17«beta»)-androstane-3,17-diyl]bis(oxy)]bis(trimethyl-
Silane, (5«alpha»-androstan-3«beta»,17«beta»-ylenedioxy)bis(trimethyl-
Trimethylsilyl derivative of 5«alpha»-Androstane-3«beta», 17«beta»-diol
3,17-Bis[(trimethylsilyl)oxy]androstane , (3«beta»,5«alpha»,17«beta»)-
5«alpha»-Androstan-3«beta»,17«beta»-diol, bis-TMS
5«alpha»-Androstane-3«beta»,17«beta»-diol, bis(trimethylsilyl) ether
5«alpha»-Androstanediol-3«beta»,17«beta», bis-TMS
5A-Androstane-3B,17B-diol, TMS
5-«alpha»-Androstan-3-«beta»,17-«beta»-diol, TMS
5A-Androstan-3B,17B-diol, bis-TMS
Androstane-3,17-diol, (3«beta»,5«alpha»,17«beta»)-, 2tms derivative

Inchi: InChI=1S/C25H48O2Si2/c1-24-15-13-19(26-28(3,4)5)17-18(24)9-10-20-21-11-12-23(27-**InchiKey:** KBSHKNYEUGMMDQ-UHFFFAOYSA-N**Formula:** C25H48O2Si2**SMILES:** CC12CCC(O[Si](C)(C)C)CC1CCC1C2CCC2(C)C(O[Si](C)(C)C)CCC12**Mol. weight [g/mol]:** 436.82**CAS:** 13260-01-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.92		Crippen Method
logp	7.469		Crippen Method
rinpol	2631.00		NIST Webbook
rinpol	2655.00		NIST Webbook
rinpol	2655.00		NIST Webbook
rinpol	2620.00		NIST Webbook
rinpol	2649.00		NIST Webbook
rinpol	2664.00		NIST Webbook
rinpol	2652.10		NIST Webbook
rinpol	2614.00		NIST Webbook
rinpol	2614.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C13260010&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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