Androstane, 3,17-bis[(trimethylsilyl)oxy]-, (3«alpha»,5«alpha»,17«alpha»)-

Other names: Silane, (5«alpha»-androstan-3«alpha»,17«alpha»-ylenedioxy)bis[trimethyl-
3,17-Bis[(trimethylsilyl)oxy]androstane, (3«alpha»,5«alpha»,17«alpha»)-
5-«alpha»-Androstan-3-«alpha»,17-«alpha»-diol, di-TMS
5«alpha»-Androstanediol-3«alpha»,17«alpha», bis-TMS
5-«alpha»-Androstan-3-«alpha»,17-«alpha»-diol, TMS
Androstane-3,17-diol, (3«alpha»,5«alpha»,17«alpha»)-, 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-CLYQZSFASA-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: 10426-35-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.92		Crippen Method
logp	7.469		Crippen Method
rinpol	2476.00		NIST Webbook
rinpol	2474.00		NIST Webbook
rinpol	2489.00		NIST Webbook
rinpol	2474.00		NIST Webbook
rinpol	2464.00		NIST Webbook
rinpol	2464.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C10426354&Units=SI

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

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