

3,16-Bis[(trimethylsilyl)oxy]androstane, (3«beta»,5«alpha»,16«beta»)-

Other names:	Silane, [[(3«beta»,5«alpha»,16«beta»)-androstane-3,16-diy]bis(oxy)]bis(trimethyl-5-«alpha»-Androstan-3-«beta»,16-«beta»-diol, bis-TMS 5A-Androstane-3B,16B-diol, TMS 5-«alpha»-Androstan-3-«beta»,16-«beta»-diol, TMS Androstane-3,16-diol, (3«beta»,5«alpha»,16«beta»)-, 2tms derivative
Inchi:	InChI=1S/C25H48O2Si2/c1-24-13-12-22-21(23(24)16-20(17-24)27-29(6,7)8)10-9-18-15-
InchiKey:	NGWRFMSUH XVUTN-GIEKRXBGSA-N
Formula:	C25H48O2Si2
SMILES:	CC12CCC3C(CCC4CC(O[Si](C)(C)C)CCC43C)C1CC(O[Si](C)(C)C)C2
Mol. weight [g/mol]:	436.82
CAS:	37977-24-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.92		Crippen Method
logp	7.469		Crippen Method
rinpol	2631.00		NIST Webbook
rinpol	2623.00		NIST Webbook
rinpol	2640.00		NIST Webbook
rinpol	2631.00		NIST Webbook
rinpol	2605.00		NIST Webbook
rinpol	2631.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C37977245&Units=SI

Legend

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

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