

3«beta»-(Trimethylsiloxy)androst-5-ene

Other names:	Silane, [[(3«beta»)-androst-5-en-3-yl]oxy]trimethyl-5-Androsten-3-«beta»-ol, TMS Androst-5-en-3«beta»-ol, tms derivative
Inchi:	InChI=1S/C22H38OSi/c1-21-12-6-7-19(21)18-9-8-16-15-17(23-24(3,4)5)10-14-22(16,2)2
InchiKey:	OCMIATRGWNMDTQ-CGXUPHRESA-N
Formula:	C22H38OSi
SMILES:	CC12CCCC1C1CC=C3CC(O[Si](C)(C)C)CCC3(C)C1CC2
Mol. weight [g/mol]:	346.62
CAS:	49774-79-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.51		Crippen Method
logp	6.559		Crippen Method
rinpol	2280.00		NIST Webbook
rinpol	2270.00		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=C49774790&Units=SI

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/84-549-0/3-beta-Trimethylsiloxy-androst-5-ene.pdf>

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