

Silane, trimethyl[[(3«beta»)-pregn-5-en-3-yl]oxy]-

Other names:	Trimethylsilyl derivative of 3«beta»-hydroxypregn-5-ene 5-Pregnen-3-«beta»-ol, TMS
Inchi:	InChI=1S/C24H42OSi/c1-7-17-9-11-21-20-10-8-18-16-19(25-26(4,5)6)12-14-24(18,3)22(
InchiKey:	RNJSROVPRXCUIL-BTCVBLHFSA-N
Formula:	C24H42OSi
SMILES:	CCC1CCC2C3CC=C4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C
Mol. weight [g/mol]:	374.68
CAS:	55282-44-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.10		Crippen Method
logp	7.196		Crippen Method
rinpol	2497.00		NIST Webbook
rinpol	2497.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C55282445&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
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

Latest version available from:

<https://www.chemeo.com/cid/95-633-4/Silane-trimethyl-3-beta-pregn-5-en-3-yl-oxy.pdf>

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