5«alpha»-Androst-1-ene-3,17-dione, per-TMS

Inchi: InChI=1S/C25H42O2Si2/c1-24-15-13-19(26-28(3,4)5)17-18(24)9-10-20-21-11-12-23(27-
InchiKey: ZFBDRIJKKXGAOU-OOTJLFDSSA-N
Formula: C25H42O2Si2
SMILES: CC12CCC3C(CCC4C=C(O[Si](C)(C)C)C=CC43C)C1CC=C2O[Si](C)(C)C
Mol. weight [g/mol]: 430.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.24		Crippen Method
logp	7.496		Crippen Method
rinpol	2643.00		NIST Webbook
rinpol	2643.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R518537&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