

Corticosterone, bis(trimethylsilyl) ether

Other names:	(11«beta»)-11,21-Bis[(trimethylsilyl)oxy]pregn-4-ene-3,20-dione Corticosteron, 2tms derivative
Inchi:	InChI=1S/C27H46O4Si2/c1-26-14-13-19(28)15-18(26)9-10-20-21-11-12-22(23(29)17-30
InchiKey:	GCLMSBAIDKDJJQ-UHFFFAOYSA-N
Formula:	C27H46O4Si2
SMILES:	CC12CCC(=O)C=C1CCC1C2C(O[Si](C)(C)C)CC2(C)C(C(=O)CO[Si](C)(C)C)CCC12
Mol. weight [g/mol]:	490.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.06		Crippen Method
logp	6.385		Crippen Method
rinpol	3867.40		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U332890&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/86-321-0/Corticosterone-bis-trimethylsilyl-ether.pdf>

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