

Pregn-4-ene-3,20-dione, 11,21-bis[(trimethylsilyloxy)-, bis(O-methyloxime)], (11«beta»)-

Other names: Pregn-4-ene-3,20-dione, 11«beta»-21-bis(trimethylsilyloxy)-, bis(O-methyloxime)
Bis(methyloxime), bis(trimethylsilyl) derivative of
11«beta»-21-Dihydroxy-4-pregnen-3,20-dione
Corticosterone methyloxime tms derivative

Corticosterone, bis-MO-bis-TMS, syn

Inchi: InChI=1S/C29H52N2O4Si2/c1-28-16-15-21(30-32-3)17-20(28)11-12-22-23-13-14-24(25)
InchiKey: FFEVUTYFVPQKAH-AEDKKVRFSA-N
Formula: C29H52N2O4Si2
SMILES: CON=C1C=C2CCC3C(C(O[Si](C)(C)C)CC4(C)C(C(CO[Si](C)(C)C)=NOC)CCC34)C2(C)
Mol. weight [g/mol]: 548.91
CAS: 32206-60-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.82		Crippen Method
logp	7.252		Crippen Method
rinpol	2928.00		NIST Webbook
rinpol	2928.00		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=C32206603&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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