

Pregnane-3,20-dione, 21-[(trimethylsilyl)oxy]-, bis(O-methyloxime), (5«alpha»)-

Other names:	5«alpha»-Dihydrodeoxycorticosterone, MO-TMS
Inchi:	InChI=1S/C26H46N2O3Si/c1-25-14-12-19(27-29-3)16-18(25)8-9-20-21-10-11-23(26(21,2
InchiKey:	NMNIJHMUFNCRFU-CLTRQVPASA-N
Formula:	C26H46N2O3Si
SMILES:	CON=C1CCC2(C)C(CCC3C2CCC2(C)C(C(CO[Si](C)(C)C)=NOC)CCC32)C1
Mol. weight [g/mol]:	462.74
CAS:	57305-26-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.21		Cheméo Relay (1.0)
logp	6.502		Crippen Method
rinpol	3058.00		NIST Webbook
rinpol	3058.00		NIST Webbook
tf	385.60	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C57305267&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Cheméo Relay (1.0):

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
tf:	Normal melting (fusion) point

Latest version available from:

<https://www.cheméo.com/cid/119-307-9/Pregnane-3-20-dione-21-trimethylsilyl-oxy-bis-O-methyloxime-5-alpha.pdf>

Generated by Cheméo on 2026-07-21 21:20:14.027693308 +0000 UTC m=+179909.869578718.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.