

Corticosterone, MO-TMS

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-PGBKEAEMSA-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

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.82		Crippen Method
logp	7.252		Crippen Method
rinpol	3247.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R512806&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/38-822-7/Corticosterone-MO-TMS.pdf>

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