

methylprednisolone, diMO-triTMS (1)

Inchi: InChI=1S/C33H60N2O5Si3/c1-23-19-25-26-16-18-33(40-43(12,13)14,29(35-37-5)22-38-4
InchiKey: GNINHLKSWIXWMN-GPLKYVPMSA-N
Formula: C33H60N2O5Si3
SMILES: CON=C1C=CC2(C)C(=C1)C(C)CC1C2C(O[Si](C)(C)C)CC2(C)C1CCC2(O[Si](C)(C)C)C
Mol. weight [g/mol]: 649.10

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.59		Crippen Method
logp	8.248		Crippen Method
rinpol	3267.00		NIST Webbook

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=R252143&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/69-777-4/methylprednisolone-diMO-triTMS-1.pdf>

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