6,7-Dehydro-20-hydroxy-methylprednisolone, MO-tetraTMS (4)

Inchi: InChI=1S/C35H65NO5Si4/c1-25-21-27-28-18-20-35(41-45(14,15)16,31(40-44(11,12)13)2

InchiKey: UEBSTVXONQGEBZ-FXLJMYBASA-N

Formula: C35H65NO5Si4

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]: 692.24

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.54		Crippen Method
logp	9.386		Crippen Method
rinpol	3342.00		NIST Webbook
rinpol	3342.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R252094&Units=SI

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

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

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/119-062-1/6-7-Dehydro-20-hydroxy-methylprednisolone-MO-tetraTMS-4.pdf
Generated by Cheméo on 2025-12-05 15:44:51.485617034 +0000 UTC m=+4697689.015657689.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.