

Dexamethasone, 20-hydroxy, MO TMS

Inchi: InChI=1S/C35H66FNO5Si4/c1-25-21-29-28-18-17-26-22-27(37-38-4)19-20-32(26,2)34(2)
InchiKey: UGOZBANDKICXCXCN-NAOGQDMVSA-N
Formula: C35H66FNO5Si4
SMILES: CON=C1C=CC2(C)C(=C1)CCC1C3CC(C)C(O[Si](C)(C)C)(C(CO[Si](C)(C)C)O[Si](C)(C)C)
Mol. weight [g/mol]: 712.24

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.65		Crippen Method
logp	9.558		Crippen Method
rinpol	3423.00		NIST Webbook
rinpol	3423.00		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=R44071&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/18-625-8/Dexamethasone-20-hydroxy-MO-TMS.pdf>

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