

Beclomethasone, tetra-TMS

Inchi:	InChI=1S/C34H61ClO4Si4/c1-24-21-27-28-16-15-25-22-26(36)17-19-32(25,2)34(28,35)3
InchiKey:	AHKCILOEEJCXHH-PDQPQCGBSA-N
Formula:	C34H61ClO4Si4
SMILES:	CC1CC2C(CC(O[Si](C)(C)C)C3(CI)C2CCC2=CC(=O)C=CC23C)C1(O[Si](C)(C)C)C(=CC
Mol. weight [g/mol]:	681.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.13		Crippen Method
logp	10.005		Crippen Method
rinpol	3234.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R557943&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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<https://www.cheméo.com/cid/46-752-6/Beclomethasone-tetra-TMS.pdf>

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