10,11-Dihydro-10-hydroxycarbamazepine, N-trimethylsilyl-, trimethylsilyl ether

Inchi: InChI=1S/C21H30N2O2Si2/c1-26(2,3)22-21(24)23-18-13-9-7-11-16(18)15-20(25-27(4,5)6)c2ccccc21

InchiKey: FGFYSWDWCHHZDP-UHFFFAOYSA-N

Formula: C21H30N2O2Si2

SMILES: C[Si](C)(C)N=C(O)N1c2ccccc2CC(O[Si](C)(C)C)c2ccccc21

Mol. weight [g/mol]: 398.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.48		Crippen Method
logp	6.022		Crippen Method
rinpol	2353.90		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U417190&Units=SI

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices