Glutamine, tris-TMS derivative

Other names: GLUTAMINE,N,N,O-TMS
Inchi: InChI=1S/C14H34N2O3Si3/c1-20(2,3)15-12(14(18)19-22(7,8)9)10-11-13(17)16-21(4,5)6
InchiKey: KQLPBEWWXARCMA-UHFFFAOYSA-N
Formula: C14H34N2O3Si3
SMILES: C[Si](C)(C)NC(=O)CCC(N[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 362.69

Physical Properties

Property code	Value	Unit	Source
log10ws	3.04		Crippen Method
logp	2.889		Crippen Method
rinpol	1771.40		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R330184&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