L-Asparagine, N2-trimethylsilyl-, trimethylsilyl ester

Other names: L-asparagine, 2tms derivative
Inchi: InChI=1S/C10H24N2O3Si2/c1-16(2,3)12-9(13)7-8(11)10(14)15-17(4,5)6/h8H,7,11H2,1-6
InchiKey: MYSKOZCNKKETRV-UHFFFAOYSA-N
Formula: C10H24N2O3Si2
SMILES: C[Si](C)(C)NC(=O)CC(N)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 276.48

Physical Properties

Property code	Value	Unit	Source
log10ws	2.52		Crippen Method
logp	1.033		Crippen Method
rinpol	1589.00		NIST Webbook
rinpol	1589.00		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=U333258&Units=SI

Legend

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