(3S,4S)-3-Azido-4-tert-butyldimethylsilyloxy-1-tert

Inchi: InChI=1S/C17H34N4O3Si/c1-16(2,3)23-15(22)21-11-9-10-14(13(12-21)19-20-18)24-25(7

InchiKey: NHPASIPNSJOHLD-KBPBESRZSA-N

Formula: C17H34N4O3Si

SMILES: CC(C)(C)OC(=O)N1CCCC(O[Si](C)(C)C(C)(C)C)C(N=[N+]=[N-])C1

Mol. weight [g/mol]: 370.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.81		Crippen Method
logp	5.087		Crippen Method
rinpol	2078.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R500284&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