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

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

InchiKey: ZHCZXPRFEHIDTA-KGLIPLIRSA-N

Formula: C17H34N4O3Si

SMILES: CC(C)(C)OC(=O)N1CCCC(N=[N+]=[N-])C(O[Si](C)(C)C(C)(C)C)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	2084.00		NIST Webbook
rinpol	2084.00		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=R500279&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices