Ethyl (6S,7R)-8-azido-7-tert-butyldimethylsilyloxy-6-hyd

Inchi: InChI=1S/C16H31N3O4Si/c1-7-22-15(21)11-9-8-10-13(20)14(12-18-19-17)23-24(5,6)16(

InchiKey: VGQFDDYPZTVVJO-PKNBQFBNSA-N

Formula: C16H31N3O4Si

SMILES: CCOC(=O)C=CCCC(O)C(CN=[N+]=[N-])O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 357.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.95		Crippen Method
logp	3.948		Crippen Method
rinpol	1864.00		NIST Webbook
rinpol	1864.00		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=R500437&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices