

(3S,4S)-3-Azido-4-tert-butyl dimethylsilyloxy-1-tert-butylazepane

Inchi: InChI=1S/C17H34N4O3Si/c1-16(2,3)23-15(22)21-11-9-10-14(13(12-21)19-20-18)24-25(7-8)26-17
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/ci9903071>

Legend

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

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<https://www.chemeo.com/cid/23-782-8/3S-4S-3-Azido-4-tert-butyl dimethylsilyloxy-1-tert-butoxycarbonylazepane.pdf>

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