

6-Azido-5-tert-butyl dimethylsilyloxy-2,3,6-trideoxy

Inchi: InChI=1S/C12H23N3O3Si/c1-12(2,3)19(4,5)18-10(8-14-15-13)9-6-7-11(16)17-9/h9-10H,
InchiKey: WTAJFMGEZKMVBN-UHFFFAOYSA-N
Formula: C12H23N3O3Si
SMILES: CC(C)(C)[Si](C)(C)OC(CN=[N+]=[N-])C1CCC(=O)O1
Mol. weight [g/mol]: 285.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.05		Crippen Method
logp	3.393		Crippen Method
rinpol	1860.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R500393&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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