N-Isobutyl-2-(tert-butyldimethylsilyl)oxyimidazolic

Inchi: InChI=1S/C14H29N3O2Si/c1-11(2)10-16-12(18)17-9-8-15-13(17)19-20(6,7)14(3,4)5/h11
InchiKey: CAAGAQDZSLWFGP-UHFFFAOYSA-N
Formula: C14H29N3O2Si
SMILES: CC(C)CNC(=O)N1CCN=C1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 299.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.14		Crippen Method
logp	3.045		Crippen Method
rinpol	2087.00		NIST Webbook
rinpol	2087.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373194&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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