N-isobutyl-2-(trimethylsilyloxy]-4,5-dihydro-1H-im

Other names: N-Isobutyl-2-(trimethylsilyloxy)imidazolidine-1-carboxamide
Inchi: InChI=1S/C11H23N3O2Si/c1-9(2)8-13-10(15)14-7-6-12-11(14)16-17(3,4)5/h9H,6-8H2,1-
InchiKey: GNHCVGUEDNEWPD-UHFFFAOYSA-N
Formula: C11H23N3O2Si
SMILES: CC(C)CNC(=O)N1CCN=C1O[Si](C)(C)C
Mol. weight [g/mol]: 257.40

Physical Properties

Property code	Value	Unit	Source
log10ws	0.11		Crippen Method
logp	1.875		Crippen Method
rinpol	1862.00		NIST Webbook
rinpol	1862.00		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=U373379&Units=SI

Legend

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