

# N-isobutyl-2-(trimethylsilyloxy)-4,5-dihydro-1H-imidazole-1-carboxamide

<b>Other names:</b>	N-Isobutyl-2-(trimethylsilyloxy)imidazolidine-1-carboxamide
<b>Inchi:</b>	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-
<b>InchiKey:</b>	GNHCVGUEDNEWPD-UHFFFAOYSA-N
<b>Formula:</b>	C11H23N3O2Si
<b>SMILES:</b>	CC(C)CNC(=O)N1CCN=C1O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	257.40

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.11		Crippen Method
logp	1.875		Crippen Method
rinpol	1862.00		NIST Webbook
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## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373379&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373379&amp;Units=SI</a>

## Legend

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

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