

# S(-)-Cathinone, N-(tert-butyldimethylsilyl)-

<b>Other names:</b>	S-(-)-cathinone, tbdms derivative
<b>Inchi:</b>	InChI=1S/C15H25NOSi/c1-12(16-18(5,6)15(2,3)4)14(17)13-10-8-7-9-11-13/h7-12,16H,1
<b>InchiKey:</b>	UVERYBFXPPMKSU-UHFFFAOYSA-N
<b>Formula:</b>	C15H25NOSi
<b>SMILES:</b>	CC(N[Si](C)(C)C(C)(C)C)C(=O)c1ccccc1
<b>Mol. weight [g/mol]:</b>	263.45

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.41		Crippen Method
logp	3.853		Crippen Method
rinpol	1702.80		NIST Webbook

## 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=U352956&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U352956&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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