

# Cathine N-TFA-O-TMS

<b>Other names:</b>	Norpseudoephedrine, N-TFA, O-TMS Norephedrine, N-TFA-O-TMS
<b>Inchi:</b>	InChI=1S/C14H20F3NO2Si/c1-10(18-13(19)14(15,16)17)12(20-21(2,3)4)11-8-6-5-7-9-11
<b>InchiKey:</b>	JFKPUFHQKOLHQD-UHFFFAOYSA-N
<b>Formula:</b>	C14H20F3NO2Si
<b>SMILES:</b>	CC(NC(=O)C(F)(F)F)C(O[Si](C)(C)C)c1ccccc1
<b>Mol. weight [g/mol]:</b>	319.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.12		Crippen Method
logp	3.646		Crippen Method
rinpol	1468.00		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=R57064&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R57064&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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