

# Nalmefene, trimethylsilyl ether

<b>Other names:</b>	Nalmefene, tms derivative
<b>Inchi:</b>	InChI=1S/C24H33NO3Si/c1-15-9-10-24(26)19-13-17-7-8-18(28-29(2,3)4)21-20(17)23(24)
<b>InchiKey:</b>	HIFRSXPXRJAAFN-UHFFFAOYSA-N
<b>Formula:</b>	C <sub>24</sub> H <sub>33</sub> NO <sub>3</sub> Si
<b>SMILES:</b>	<chem>C=C1CCC2(O)C3Cc4ccc(O[Si](C)(C)C)c5c4C2(CCN3CC2CC2)C1O5</chem>
<b>Mol. weight [g/mol]:</b>	411.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.32		Crippen Method
logp	4.021		Crippen Method
rinpol	2788.30		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=U333478&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333478&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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