

# Pizotyline

<b>Other names:</b>	Piperidine, 4-(9,10-dihydro-4H-benzo[4,5]cyclohepta[1,2-b]thien-4-ylidene)-1-methyl- BC105 Litec Pizotifen Sandomigram Sandomygran 4-(9,10-Dihydro-4H-benzo[4,5]cyclohepta[1,2-b]thien-4-ylidene)-1-methylpiperidine Sandomigran Pizotifan Pizotyline maleate
<b>Inchi:</b>	InChI=1S/C19H21NS/c1-20-11-8-15(9-12-20)19-16-5-3-2-4-14(16)6-7-18-17(19)10-13-2
<b>InchiKey:</b>	FIADGNVRKBPQEU-UHFFFAOYSA-N
<b>Formula:</b>	C19H21NS
<b>SMILES:</b>	CN1CCC(=C2c3ccccc3CCc3sccc32)CC1
<b>Mol. weight [g/mol]:</b>	295.44
<b>CAS:</b>	15574-96-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.99		Crippen Method
logp	4.374		Crippen Method
mcvol	235.660	ml/mol	McGowan Method
rinpol	2412.00		NIST Webbook
rinpol	2375.00		NIST Webbook
rinpol	2375.00		NIST Webbook
rinpol	2367.00		NIST Webbook

## Sources

<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C15574966&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C15574966&amp;Units=SI</a>
<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>

# Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>rinpol:</b>	Non-polar retention indices

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