

# Zopiclone

**Other names:**

1-Piperazinecarboxylic acid, 4-methyl-,  
6-(5-chloro-2-pyridinyl)-6,7-dihydro-7-oxo-5H-pyrrolo[3,4-b]pyrazin-5-yl ester  
Amoban  
Amovane  
Imovane  
27267 R.P.  
4-Methyl-1-piperazinecarboxylic acid ester with  
6-(5-chloro-2-pyridyl)-6,7-dihydro-7-hydroxy-5H-pyrrolo[3,4-b]pyrazin-5-one  
Imovance  
RP-27267  
Sopivan  
Zimovane  
(. +/-)-Zopiclone

**Inchi:**

InChI=1S/C17H17ClN6O3/c1-22-6-8-23(9-7-22)17(26)27-16-14-13(19-4-5-20-14)15(25)2

**InchiKey:**

GBBSUAFBMRNDJC-UHFFFAOYSA-N

**Formula:**

C17H17ClN6O3

**SMILES:**

CN1CCN(C(=O)OC2c3nccnc3C(=O)N2c2ccc(Cl)cn2)CC1

**Mol. weight [g/mol]:**

388.81

**CAS:**

43200-80-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.53		Crippen Method
logp	1.568		Crippen Method
mvol	262.280	ml/mol	McGowan Method
rmpol	3051.00		NIST Webbook

## Sources

**Crippen Method:**

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

**Crippen Method:**

[https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

**McGowan Method:**

<http://link.springer.com/article/10.1007/BF02311772>

**NIST Webbook:**

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C43200802&Units=SI>

# 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>rinpola:</b>	Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/47-135-0/Zopiclone.pdf>

Generated by Cheméo on 2024-04-24 09:36:56.644981076 +0000 UTC m=+16240665.565558392.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.