

# Ajmaline

**Other names:**

(+)-Ajmaline  
5H-6,10:11,12a-Dimethanoindolo[3,2-b]quinolizine, ajmalan-17,21-diol deriv.  
Ajmalan-17,21-diol, (17R,21.alpha.)-  
Ajmalan-17,21-diol, (17R,21 «alpha»)-  
Ajmalan-17,21-diol, (17R,21Â«alphaÂ»)-  
Ajmalin  
Aritmina  
Cardiorythmine  
Cartagine  
Gilurytmal  
Ignazin  
Merabitol  
NSC 15627  
Raugalline  
Rauwolfin  
Rauwolfine  
Rhytmaton  
Ritmos  
Rytmalin  
Siddiqui  
Tachmalin  
Tajmalin  
Takhmalin  
Takycor

**Inchi:**

InChI=1S/C20H26N2O2/c1-3-10-11-8-14-17-20(12-6-4-5-7-13(12)21(17)2)9-15(16(11)18

**InchiKey:**

CJDRUOGAGYHKKD-UDPQVXKSSA-N

**Formula:**

C20H26N2O2

**SMILES:**

CCC1C2CC3C4N(C)c5ccccc5C45CC(C2C5O)N3C1O

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

326.43

**CAS:**

4360-12-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.82		Aqueous Solubility Prediction Method
logp	1.555		Crippen Method
mvol	246.300	ml/mol	McGowan Method

# Sources

**Aqueous Solubility Prediction Method:** <http://onschallenge.wikispaces.com/file/view/AqueousDataset002.xlsx/351826032/AqueousDa>

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

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C4360127&Units=SI>

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

# Legend

**log<sub>10</sub>w<sub>s</sub>:** Log<sub>10</sub> of Water solubility in mol/l

**log<sub>p</sub>:** Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume

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