

Piminodine

Other names:

4-Piperidinecarboxylic acid, 4-phenyl-1-[3-(phenylamino)propyl]-, ethyl ester
Isonipecotic acid, 1-(3-anilinopropyl)-4-phenyl-, ethyl ester
Alvodine
Anopridine
Cimadon
NIH 7590
Pimadin
Pimadine
WIN 14098
4-Phenyl-1-(3-(phenylamino)propyl)-4-piperidinecarboxylic acid ethyl ester
WIN 14098-2
Pimadin (analgesic)

Inchi: InChI=1S/C23H30N2O2/c1-2-27-22(26)23(20-10-5-3-6-11-20)14-18-25(19-15-23)17-9-16**InchiKey:** PXXKIYPSXYFATG-UHFFFAOYSA-N**Formula:** C23H30N2O2**SMILES:** CCOC(=O)C1(c2ccccc2)CCN(CCCNc2ccccc2)CC1**Mol. weight [g/mol]:** 366.50**CAS:** 13495-09-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.28		Crippen Method
logp	4.086		Crippen Method
mcvol	303.950	ml/mol	McGowan Method
rinpol	2885.00		NIST Webbook
rinpol	2891.00		NIST Webbook
rinpol	2885.00		NIST Webbook
rinpol	2891.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>**Crippen Method:** https://www.chemed.com/doc/models/crippen_log10ws**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>

Legend

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

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