

Norpheniramine acetate

Other names: N-Methyl-N-[3-phenyl-3-(2-pyridinyl)propyl]acetamide

Pheniramine, nor, acetylated

Pheniramine M (nor), acetylated

Inchi:

InChI=1S/C17H20N2O/c1-14(20)19(2)13-11-16(15-8-4-3-5-9-15)17-10-6-7-12-18-17/h3-

InchiKey:

VLRZUFDFIGKGCN-UHFFFAOYSA-N

Formula:

C17H20N2O

SMILES:

CC(=O)N(C)CCC(c1ccccc1)c1cccn1

Mol. weight [g/mol]:

268.35

CAS:

117540-10-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.74		Crippen Method
logp	3.082		Crippen Method
mcvol	224.400	ml/mol	McGowan Method
rinpol	2250.00		NIST Webbook
rinpol	2250.00		NIST Webbook

Sources

McGowan Method:

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

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C117540100&Units=SI>

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method:

https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:

Log10 of Water solubility in mol/l

logp:

Octanol/Water partition coefficient

mcvol:

McGowan's characteristic volume

rinpol:

Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/120-984-6/Norpheniramine-acetate.pdf>

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