MIRTAZAPINE

Other names: Pyrazino[2,1-a]pyrido[2,3-c][2]benzazepine, 1,2,3,4,10,14b-hexahydro-2-methyl-, (+/-)-
Pyrazino[2,1-a]pyrido[2,3-c][2]benzazepine, 1,2,3,4,10,14b-hexahydro-2-methyl-
1,2,3,4,10,14b-Hexahydro-2-methylpyrazino[2,1-a]pyrido[2,3-c](2)benzazepine
6-Azamianserin
Mepirzepine
Mirtazepine
Org 3770
Remeron
2-Methyl-1,2,3,4,10,14b-hexahydropyrazino[2,1-a]pyrido[2,3-c][2]benzazepine
Avanza
Mepirzapin
Mirtazipine
Norset
Promyrtil
Remergil
Remergon
Remeron SolTab
Rexer
Zispin
(±)-1,2,3,4,10,14b-hexahydro-2-methylpyrazino[2,1-a]pyrido[2,3-c][2]benzazepine

Inchi: InChI=1S/C17H19N3/c1-19-9-10-20-16(12-19)15-7-3-2-5-13(15)11-14-6-4-8-18-17(14)20

InchiKey: RONZAEMNMFQXRA-UHFFFAOYSA-N

Formula: C17H19N3

SMILES: CN1CCN2c3ncccc3Cc3ccccc3C2C1

Mol. weight [g/mol]: 265.36

Physical Properties

Property code	Value	Unit	Source
logp	2.479		Crippen Method
mcvol	211.090	ml/mol	McGowan Method
rinpol	2323.40		NIST Webbook
rinpol	2323.40		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C85650528&Units=SI
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices