

Mazindol

Other names:

3H-Imidazo[2,1-a]isoindol-5-ol, 5-(4-chlorophenyl)-2,5-dihydro-5H-Imidazo(2,1-a)isoindol-5-ol, 5-(4-chlorophenyl)-2,3-dihydro-5-p-Chlorophenyl-2,3-dihydro-5H-imidazo(2,1-a)isoindol-5-ol
Sanorex
Teronac
5-(p-Chlorophenyl)-2,5-dihydro-3H-imidazo[2,1-a]isoindol-5-ol
Mazanor
Magrilon
Mazildene
SaH-42548
Terenac
3H-Imidazo[2,1-a]isoindol-5-ol, 5-(p-chlorophenyl)-2,5-dihydro-5-(4-Chlorophenyl)-2,3-dihydro-5-hydroxy-5H-imidazo[2,1-a]isoindole
AN 448

Inchi: InChI=1S/C16H13ClN2O/c17-12-7-5-11(6-8-12)16(20)14-4-2-1-3-13(14)15-18-9-10-19(16)
InchiKey: ZPXSCAKFGYXMGA-UHFFFAOYSA-N
Formula: C16H13ClN2O
SMILES: OC1(c2ccc(Cl)cc2)c2ccccc2C2=NCCN21
Mol. weight [g/mol]: 284.74
CAS: 22232-71-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.53		Crippen Method
logp	2.609		Crippen Method
mcvol	200.830	ml/mol	McGowan Method
rinpol	2341.00		NIST Webbook
rinpol	2355.00		NIST Webbook
rinpol	2355.00		NIST Webbook
rinpol	2355.00		NIST Webbook
rinpol	2341.00		NIST Webbook

Sources

Crippen Method: 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=C22232719&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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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